

A preliminary checklist of the marine gastropods (Mollusca: Gastropoda) of Moreton Bay, Queensland

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Citation: Healy, J.M., Potter, D.G. & Carless, T.A. 2010 12 30. Preliminary checklist of the marine gastropods (Mollusca: Gastropoda) of Moreton Bay, Queensland. In, Davie, P.J.F. & Phillips, J.A. (Eds), Proceedings of the Thirteenth International Marine Biological Workshop, The Marine Fauna and Flora of Moreton Bay, Queensland, *Memoirs of the Queensland Museum – Nature* 54(3): 253-286. Brisbane. ISSN 0079-8835.

ABSTRACT

A preliminary checklist of the marine gastropod molluscs of Moreton Bay is presented, based on the collections of the Queensland Museum, supplemented by records from the Moreton Bay Workshop (2005), published literature and unpublished field records. 1023 species have to date been recorded from the bay area (Caloundra to the Gold Coast including bay islands, to 50 metres depth) representing 138 families and 446 genera. Dominating, in terms of species numbers, are caenogastropod 'prosobranchs' with 672 species (65% of the faunal total) most of which are carnivorous. In contrast, patellogastropods (true limpets), vetigastropods (trochids, turbinids and allies) and neritimorphs, despite containing some of the most abundant species of bay gastropods, constituent less than 8.0% of the total species count. The larger groups of caenogastropods are the Muricoidea (murex shells and allies, 100 species or 9.8% of faunal total), Conoidea (cones, terebrids and turrids: 122 species or 11.9%), Cypraeoidea (cowries and allies), Triphoroidea (triphorids plus cerithiopsids) and Buccinoidea (true whelks) – these three groups each with just over 70 species (each approximately 7.0% of the faunal total). Next in size to the Caenogastropoda is the Heterobranchia (opisthobranchs *sensu lato* plus pulmonates) with 273 recorded species (approximately 26% of faunal total), dominated by a large nudibranch component (145 species, almost half of which are doridoideans). The number of gastropod species that actually occur within Moreton Bay is unknown and likely to remain so until the appropriate taxonomic work and supplementary collecting are carried out. Certain families, such as the Cypraeidae (cowries), Ovulidae (allied cowries), Strombidae (strombs), Mitridae (mitres), Ranellidae (tritons) and Conidae (specifically subfamily Coninae — cone shells) are very well documented thanks largely to their popularity with collectors and/or specialists. Other groups, notably the small-shelled 'turrids', the various rissooidean families and pyramidellid heterobranchs almost certainly have significant numbers of unrecorded or undescribed species living in the bay, and hence such groups should be targeted in future studies. The impressive diversity of the bay gastropod fauna undoubtedly reflects the physical complexity of the region and the wide range of available habitats (sandflats, mudflats, seagrass areas, mangroves, rocky reefs, coral reefs). □ *Gastropoda, species list, molluscan fauna, Moreton Bay, Queensland.*

Within Moreton Bay the dominant molluscan components of the marine fauna are gastropods and bivalves, with the former clearly predomi-

nating in terms of the number of species (Stephenson *et al.* 1970, 1974; Carless *et al.* in Davie 1998). Ranging in size from the 30 cm baler shells

(Volutidae) down to a multitude of small to micro-taxa, the diversity of gastropod species found within the bay ranks among the most impressive anywhere along the Australian coastline. The richness of the gastropod fauna in Moreton Bay has long been known (e.g. Brazier 1879), and certainly there have been attempts to document some of the more conspicuous species from various localities (e.g. Bramble Bay: Stephenson *et al.* 1976; Serpentine Creek (Cribb Island): Stephenson *et al.* 1977; Wellington Point: Morgan & Hailstone 1986; Brisbane River: Hailstone 1976; Davie 1990) or of some popular families (e.g. Carless 1995–2006). The reasons for this richness lie not just in the large range of available habitats within the bay but also in the fact that the region forms part of an eastern Australian marine overlap zone. Within this zone, widespread northern tropical species extend south into New South Wales, and southern temperate forms extend north into south-eastern Queensland (see Ponder & Wells 1998). Tropical forms become less common moving southwards, and temperate species less common moving northwards. Endemic species are also found within this zone (Short & Potter 1987).

Moreton Bay is one of the most intensively utilised marine areas in Australia, directly impacted by rapid population growth and the attendant pressures from pollution, commercial and recreational activity and environmental factors such as water run-off, sedimentation and presumably even climate change (Neil 1998; Skilleter 1998; Tibbetts *et al.* 1998; Davie & Phillips 2008). It therefore seems timely that a working checklist of the marine Gastropoda occurring in the bay should be produced, if only to provide a faunal snapshot of this numerically and ecologically dominant group of invertebrates.

In May 1996 the members of the Queensland Branch of the Malacological Society of Australasia (MSA) formally recognised the need for a taxonomically-verified checklist of the marine molluscs of south-east Queensland, with the ultimate goal being a photographically illustrated guide based on published accounts, museum sources and member's own records (see Note 1). The late Terry Carless, prominent member of the MSA and Honorary Research Associate of the Queensland Museum was, up until his

passing in 2006, compiling a list of the marine Gastropoda of south-east Queensland for the society. He also produced illustrated accounts of families such as the Columbellidae, Cypraeidae, Ovulidae, and Triphoridae with special emphasis on the bay fauna (Carless 2006). However, for many families occurring within the bay, no recent lists or taxonomic revisions have been published, and for several, the need for assessment of suprageneric groups is clearly evident. Current knowledge of most small-shelled families (i.e. shell length <10mm) known to occur in Moreton Bay is fragmentary, and the number of species here listed for these groups will inevitably increase once detailed work and fresh collecting are carried out. Nevertheless the purpose of the list is to fill an immediate need of researchers in south-east Queensland, and hopefully stimulate and assist the work needed to generate a more definitive list.

This paper is dedicated to the late Terry Carless, a dedicated amateur malacologist with an exceptional knowledge of, and experience in collecting, marine molluscs of Queensland and especially of Moreton Bay. He is greatly missed.

MATERIAL AND METHODS

The locality 'Moreton Bay' has often been used in a loose or erroneous context especially in connection with pre-1970 literature and as it refers to some of the older specimen lots held in the Queensland Museum (and undoubtedly in other museums). Even in recent literature 'Moreton Bay' is sometimes cited in relation to species known only from the outer continental shelf, well outside the bay and its direct area of influence (e.g. Wilson 1994: cone shells *Conus howelli*, *C. sculletti*, *C. minnamurra*, and muricids *Siphonochelus erythrostigma* and *S. pavlova*). While it is true that some gastropods can show a considerable depth range, most species tend to fall into a 'shallow water' or 'mid-deep water' category, a fact well known to commercial trawlers operating in south-east Queensland during the 1960s and 1970s (e.g. Evans 2000–2001). For the purposes of this checklist, 'Moreton Bay' is here defined as the waters and shores from Caloundra south to the Gold Coast (to the QLD/NSW border). It includes waters around Bribie, Moreton, North and South Stradbroke

Islands and the many inner-bay islands, as well as the shallow reefs off Cape Moreton (including Flinders Reef area). Gastropod species characteristic of deeper water (> 50m, ie beyond normal dive-collecting range) and normally only encountered by dredging, are therefore excluded.

This list is based on the marine gastropod collections held in the Queensland Museum, and material from the Moreton Bay Marine Workshop (February 2005), supplemented with records from the literature (with emphasis on recent accounts and those that are illustrated, including pertinent websites such as the *Sea Slug Forum*, and *Nudibranchs of the Sunshine Coast*) and collection records of the Malacological Society of Australasia. The source of information concerning confirmed locality data for Moreton Bay material is indicated in [square brackets] after each species in the list. We would like to emphasise that such sources are not an exhaustive catalogue of locality information and for some of the older literature (1960 and earlier) it has been necessary to interpret the use of names now considered invalid or synonyms (and where appropriate, we have indicated some of these after species names). Species with several confirmed locality records can generally be regarded as 'core' elements of the bay's gastropod fauna although for families such as the Conidae (Coninae only; cone shells), Strombidae (strombs), and Cypraeidae (cowries), Ranellidae (tritons) and Mitridae (mitres) there is an admitted 'collector' and/or taxonomic specialist bias. We have included some undetermined species in the list (e.g. *Metaxia* sp., *Janolus* sp.) primarily to establish the existence of a genus and/or family otherwise not represented, or to highlight known diversity in genera awaiting taxonomic attention. Where specific numbers are quoted in relation to undetermined species (e.g. *Retusa* sp. 1, *Retusa* sp. 2) these relate to the source document of the record (s). In general we have avoided inclusion of 'cf' species or subspecies except where these species or higher taxa are of current taxonomic interest. For brevity, and in order to keep the list as uncluttered for the user as possible, we have elected not to include species' synonymies. Such information can generally be found either in the literature (e.g. Wilson 1993, 1994; see references listed at the end of this account) or on taxonomically moni-

tored websites such as the *Sea Slug Forum* (Rudman 2010); *OBIS Molluscan Database of the Academy of Natural Sciences*; and *Nudibranchs of the Sunshine Coast* (Cobb & Mullins 2010). There is currently much interest in nudibranchs and affiliated groups by divers, and species are constantly being added to local lists often as unidentified species (e.g. *Chromodoris* sp. 5, sp. 6 etc). This again underscores the provisional nature of the list presented herein. Partly for ease of reference, species' records taken from the *Sea Slug Forum* are credited to that website (i.e. Rudman 2010) and not to each individual contributor.

Gastropod classification has undergone major changes over the last three decades. Such changes have been driven by various factors including the fundamental (often radical) alternatives offered by Soviet workers during the 1970s (e.g. Golikov & Starobogatov 1975) and the wealth of new data from comparative anatomy and ultrastructure (of organs and spermatozoa), fossils and from detailed molecular analyses (see Colgan *et al.* 2003; Haszprunar 1988; Ponder & Lindberg 1997, 2008, for summaries and further literature). Recently, Fryda, Hausdorf, Ponder, Valdés & Warén (in Bouchet & Rocroi 2005) have proposed a new classification for the Gastropoda, this time encompassing all known supra-generic taxa, both living and fossil and it is largely this system we have employed herein (see Note 2). For all taxa above the level of super-family, Fryda *et al.* (2005) have used the terms 'clade' and 'subclade' (i.e. non-Linnean hierarchy) to reflect current consensus, based on cladistic analyses, that such groups are monophyletic. However in order to preserve some degree of hierarchical signposting at higher classificatory levels we have, in this list, found it necessary to use the rank of 'Subclass' in place of 'Clade' for major subdivisions of the Gastropoda. Hence the clades Patellogastropoda, Vetigastropoda, Neritimorpha, Caenogastropoda and Heterobranchia, as used by Fryda *et al.* (2005), are each given the rank of subclass. Fryda *et al.* (2005) also used 'Tribes' within certain families, but in a list such as this we do not feel this extra level of complexity is warranted. In our list (which should not be considered a 'classification' but a working checklist), authorship for taxa is limited to genus and species; all authorships for supra-

generic taxa up to and including superfamily level, can be found in Fryda *et al.* (2005) and references cited therein. We would emphasise that recent taxonomic reviews of the Australian fauna do not exist for many families and genera of gastropods included herein, although wherever advances have been made, such works are identified and their salient features incorporated.

Data sources are listed at the back of this paper (numbered), with the exception of the following: M = Moreton Bay Workshop Survey (2005) material (housed in QM); QM = Queensland Museum Collection.

DISCUSSION

This study has recorded a total of 1023 species of Gastropoda from Moreton Bay and group numbers are summarised in Table 1. Notable is the dominance of the Caenogastropoda both in terms of species numbers (672) and higher taxa represented (65 families, 260 genera). Given that caenogastropods are now considered the largest division of the Gastropoda (Ponder *et al.* 2008), this result was perhaps to be expected, but the breadth of representation of families and genera remains impressive. Caenogastropods account for over two thirds of all gastropod species from the bay, mostly belonging to the Conoidea, Muricoidea, Buccinoidea, Cypraeoidea and Triphoroidea — these five groups comprising 438 of the 672 species, or about 65% of all caenogastropod species (see Table 1). It should not, however, be assumed that the most abundant and/or widespread gastropods within the bay necessarily belong to these groups. The cerithioidean family Batillariidae for example is represented by only two species (the mudwhelks *Pyrazus ebeninus* and *Batillaria australis*), but these are among the most prolific macrogastropods intertidally and clearly are of major ecological importance (as surface detritivore/grazers). Similarly the Littorinidae (12 species) feature heavily at many localities often with a pair of predominating species. Nevertheless, species-rich superfamilies such as the Muricoidea and Buccinoidea have also produced locally dominant species (e.g. muricids *Morula marginalba*, *Lepsiella hanleyi* — both pests of oyster farms; nassariids — extremely important as predators and/or scavengers) and subtidally, small-shelled groups such

as the Columbellidae are frequently well represented in grab samples by one or more species. Probably the most overlooked of the caenogastropod groups, because of their minute size, is the Rissooidea. The 48 species recorded in the present list is probably only a fraction of the rissooidean fauna of Moreton Bay and certainly much more research is warranted on these numerically abundant and ecologically important gastropods.

Regarding the 'archaeogastropod' groups, Moreton Bay does contain a wide variety of families and genera, but only the Fissurellidae, Trochidae and Neritidae are to any extent well represented within the core portion of the bay in terms of species. Collectively these groups account for less than 8% of the bay gastropod fauna (78 species). Nevertheless some species such as *Austrocochlea porcata* (Trochidae) and *Nerita squamulata* (Neritidae) are dominant intertidal species at several sites both on the mainland and bay island sides. The Haliotidae (abalones) are notable by their absence throughout most of the bay — the few species that have been recorded essentially limited to the northern portion of the bay, especially the seaward sides of the islands and are rarely encountered dead or alive. The status of all four of these species is still uncertain (see Geiger 1998; Note 3 herein).

Among the Heterobranchia occurring in Moreton Bay (273 species, representing 62 families and 144 genera), by far the most species-rich group is the Nudibranchia, with a total of 145 recorded species from 29 families and 69 genera. About one third of these come from the large and diverse doridoidean family Chromodorididae (50 species, mostly from the genera *Chromodoris*, *Hypselodoris* and *Ceratosoma*). A number of undetermined species of several nudibranch genera are also recorded by Cobb & Mullins (2010) from Moreton Bay (as here defined) but these are not included in the current list. Coleman (2001, 2008), Cobb & Willan (2006) and Cobb & Mullins (2010) record many additional species of nudibranchs and other heterobranchs from the Sunshine Coast north of Caloundra, and for this reason, these are also not listed here. Although many of these species may eventually be found in Moreton Bay it is also possible that they have low tolerance to

Table 1. Breakdown of species composition according to superfamilies in Moreton Bay.

Taxon	No. of Species	Species % (approx.)
Subclass PATELOGASTROPODA (12 species)		
Patelloidea	6	0.6%
Lottioidea	6	0.6%
Subclass VETIGASTROPODA (51 species)		
Fissurelloidea	13	1.3%
Haliotoidea	4	0.4%
Trochoidea	34	3.3%
Subclass NERITIMORPHA (15)		
Neritoidea	15	1.5%
Subclass CAENOGASTROPODA (672 species)		
Cerithioidea	35	3.4%
Littorinoidea	12	1.2%
Calyptraeoidea	1	0.1%
Capuloidea	2	0.2%
Cypraeoidea	71	6.9%
Cingulopsoidea	6	0.6%
Ficoidea	1	0.1%
Naticoidea	22	2.2%
Pterotracheoidea	1	0.1%
Rissooidea	48	4.7%
Stromboidea	13	1.3%
Tonnoidea	36	3.5%
Vanikoroidea	4	0.4%
Velutinoidea	12	1.2%
Vermetoidea	1	0.1%
Xenophoroidea	1	0.1%
Epitonioidea	21	2.1%
Eulimoidea	5	0.5%
Triphoroidea	72	7.0%
Buccinoidea	73	7.1%
Cancellarioidea	9	0.9%
Conoidea	122	11.9%
Muricoidea	100	9.8%
Olivoidea	4	0.4%
Subclass HETEROBRANCHIA (273 species)		
Acteonoidea	8	0.8%
Architectonicoidea	11	1.1%
Omalogyroidea	1	0.1%
Pyramidelloidea	21	2.1%
Ringiculoidea	2	0.2%

Table 1. Continued ...

Taxon	No. of Species	Species % (approx.)
Rissoelloidea	1	0.1%
Bulloidea	4	0.4%
Haminoeidea	4	0.4%
Philinoidea	16	1.6%
Cavolinioidea	7	0.7%
Aplysioidea	10	1.0%
Oxynooidea	2	0.2%
Plakobranchoidea	10	1.0%
Limapontioidea	6	0.6%
Umbraculoidea	2	0.2%
Pleurobrancoidea	6	0.6%
'NUDIBRANCHIA'		
Doridoidea	67	6.5%
Phyllidioidea	13	1.3%
Onchidoridoidea	3	0.3%
Polyceroidea	15	1.5%
Protonotidae (Unassigned Family)	2	0.2%
Arminoidea	2	0.2%
Tritonioidea	11	1.1%
Aeolidioidea	22	2.2%
Fionoidea	6	0.6%
Flabellinoidea	4	0.4%
'PULMONATA'		
Amphiboloidea	2	0.2%
Siphonaroidea	3	0.3%
Ellobioidea	7	0.7%
Onchidoidea	5	0.5%
Totals	1023	100%

salinity/water quality fluctuations to which the region is periodically subject (storm run-off, sedimentation). Rudman & Bergquist (2007) have presented a detailed list of sponge species consumed by the Chromodorididae and Actinocyclusidae and their work indicates a high degree of prey-predator specificity. Indeed food availability combined with the short lifespan of nudibranchs (generally one year, often much less) led Willan & Coleman (1984) to comment that 'seldom will one be able to visit a location with the intention of finding a particular species and locate it successfully'. For this reason the

long list of nudibranch species recorded herein for Moreton Bay should not be misconstrued as a list of permanent nudibranch components of the fauna.

Pyramidelloidean heterobranchs formed a significant proportion of the gastropods recovered from numerous grab-sample sites during the 2005 Moreton Bay Workshop survey although the number of species encountered was not particularly large (approximately 10 species). The small numbers of species for most heterobranch families occurring in Moreton Bay, especially the shelled groups (e.g. bullomorphs) probably reflects a combination of low collection effort to date combined with on-going difficulties in accurate identification of material (sometimes difficult even to genus or family level). Nevertheless the diversity of heterobranch families (62) and genera (144) represented in the bay fauna remains an impressive tally.

The question as to exactly how many gastropod species live within Moreton Bay (as defined in this account) remains a challenging and presently unanswerable one. While it is true that certain taxa, such as the Cypraeidae, Muricidae, Conidae and Strombidae are very well documented (a reflection both of popularity and research effort), a number of groups, especially those of small physical size (<1cm), are either poorly known or virtually unstudied (e.g. Rissooidea). This situation arises from a combination of factors, not the least being a lack of available (or recent) taxonomic literature dealing with such groups, a lack of adequate material from many sites within the bay and an on-going shortage of specialists capable of dealing with this material. Groups such as the Triphoroidea, 'Turridae' (*sensu lato*) and Pyramidelloidea are known to be extremely species-rich (Marshall 1983; Wells 1991; Schander *et al.* 1999), and hence the number listed in this account for each of these taxa may represent only a small proportion of the total occurring in Moreton Bay. For example, the Carless Collection (now in QM) contains many species of Triphoroidea collected within relatively small areas of the central-east and northern regions of the bay (Amity Point and Bongaree/Sandstone Point) suggesting that there may be many more species to add to the record once detailed collecting in

other areas is carried out. According to Davie & Hooper (1998) the number of molluscan species occurring in Moreton Bay, based on estimates provided by T. Carless and K. Lamprell was 1345. This figure is close to the combined total of the gastropod and bivalve checklists presented by us in the current volume (1023 gastropods + 350 bivalves = 1373) but excluding the Polyplacophora, Cephalopoda and Scaphopoda (for Bivalvia list, see Healy & Potter 2010). The numbers of cephalopod and polyplacophoran (chiton) species from the bay are not known, although based on available QM records, their totals are unlikely to exceed 100 each, whereas the number of scaphopod species from the bay is very low – presently only five known (Lamprell & Healy 1998; JH pers. obs.).

Undoubtedly the physical complexity of the bay (geology, hydrology, interplay of oceanic currents, especially the East Australian Current and associated eddying) has been a major contributing factor to the development of a wide variety of habitats (estuarine, mangrove, coral reef, ocean beach, rocky shore and rocky reef, seagrass pasture) and the high species diversity (Neil 1998). Within the bay, the differences in benthic substratum type encountered between relatively closely placed dredge-sampling stations are often dramatic – sometimes passing from sand to clayey mud to gravel or coarse shell pieces within a single kilometre and with major changes in faunal composition through each substratum transition (JH pers. obs.). The rich diversity of gastropods (and other molluscs) within Moreton Bay appears to be paralleled in other major groups of invertebrates (e.g. Crustacea and Porifera – see Davie & Hooper 1998), further indicating the biological importance of the area and the need to preserve its integrity. The recent sighting of living tropical mudwhelks (*Telescopium telescopium* of the cerithioidean family Potamididae) at Nudgee Beach (J. Singfield and S. Quinnell, pers. com. to JH) has raised the issue of northern invasives and the possible reasons for sporadic appearances of such species (this species is not listed herein). It is tempting to suggest that such events may be linked to global weather and oceanic temperature changes but more work is required to test these ideas. Certainly it would appear wise to have regular monitoring of molluscan fauna in

selected bay localities, if only to ensure the early detection of invasives.

Finally, it is interesting to reflect on the diets of gastropods occurring in Moreton Bay as inferred from taxa which have been examined to date. Of the 1023 species, approximately 72% are either active predators (Conoidea, Naticoidea; Tonnoidea, Muricoidea, many Cypraeoidea, most nudibranchs), scavengers (several Buccinoidea, some Muricoidea) or parasitic/semi-parasitic (Pyramidelloidea, Eulimoidea). The remaining 28% are mostly algal grazers (e.g. patellogastropods, vetigastropods, Littorinoidea, some cowries, some Cerithioidea) and/or detritivores (most Cerithioidea, Rissosoidea) with a few mucous-trap/ciliary feeders (e.g. Capuloidea, Vermetoidea, some Cerithioidea). Of the active predators: approximately 36% feed on polychaetes or sipunculids (most Conoidea and many Buccinoidea and Muricoidea); 25% feed on sponges (Triphoroidea, many nudibranchs, some cowries); 16 % feed on other molluscs (Naticoidea, many Muricoidea, some Conoidea, mostly preying on bivalves or other gastropods); 16% feed on solitary or colonial cnidarians (ovulid cypraeoideans, Epitoniaidea, Architectonicoidea, aeolid nudibranchs) and 7% feed on other prey (echinoderms, ascidians, bryozoans, fish etc) (several Tonnoidea, some nudibranchs, some Muricoidea, some Conoidea). Such figures underscore the trophic importance of all of these prey groups to the bay's gastropod fauna, as in turn gastropods themselves form a significant dietary component of other animals such as crabs, fish, and other molluscs (gastropods, cephalopods).

CLASS GASTROPODA

SUBCLASS PATELLOGASTROPODA

SUPERFAMILY PATELLOIDEA

FAMILY PATELLIDAE

- Cellana* H. Adams, 1869
C. conciliata Iredale, 1940 [QM]
C. radiata (Born, 1778) [QM]
C. testudinaria (Linnaeus, 1758) [QM]
C. tramoserica (Holten, 1802) [QM; 32; 44; 56]
C. turbator Iredale, 1940 [QM; 56]
Patella Linnaeus, 1758
P. (Scutellastra) H. & A. Adams, 1854
P. (S.) chapmani Tenison Woods, 1876 [QM; 44]

SUPERFAMILY LOTTIOIDEA

FAMILY LOTTIIDAE

SUBFAMILY LOTTIINAE

- Notoacmea* Iredale, 1915
N. flammea (Quoy & Gaimard, 1834) [QM]
N. petterdi (Tenison Woods, 1876) [QM; 56]

SUBFAMILY PATELLOIDIINAE

- Patelloida* Quoy & Gaimard, 1834
P. cryptalirala (Macpherson, 1955) [56]
P. heteromorpha (Oliver, 1926) [QM]
P. mimula (Iredale, 1924) [QM]
P. saccharina (Linnaeus, 1758) [QM]

SUBCLASS VETIGASTROPODA SUPERFAMILY FISSURELLOIDEA

FAMILY FISSURELLIDAE

SUBFAMILY FISSURELLINAE

- Amblychilepas* Pilsbry, 1890
A. nigrita (Sowerby, 1834) [QM]

SUBFAMILY EMARGINULINAE

- Emarginula* Lamarck, 1801
E. dilecta (A. Adams, 1851) [QM]
E. incisura (A. Adams, 1853) [QM]
Diodora Gray, 1821
D. jukesii (Reeve, 1850) [M; QM; 32; 56]
D. lineata (Sowerby, 1835) [QM]
D. singaporensis (Reeve, 1850) [44]
D. ticaonica (Reeve, 1850) [QM]
Hemitoma Swainson, 1840
H. (Montfortista) Iredale, 1929
H. (M.) excentrica (Iredale, 1929) [QM]
Montfortula Iredale, 1915
M. pulchra (A. Adams, 1852) [QM]
M. rugosa (Quoy & Gaimard, 1834) [QM]
Scutus Montfort, 1810
S. antipodes Montfort, 1810 [QM; 32; 44; 56]
S. unguis (Linnaeus, 1758) [M; QM; 19; 32; 44]
Tugali Gray, 1843
T. parmophoidea (Quoy & Gaimard, 1834) [QM; 1]

SUPERFAMILY HALIOTOIDEA

FAMILY HALIOTIDAE (see Note 3)

- Haliotis* Linnaeus, 1758
H. brazieri Angas, 1869 [QM]
H. ethalogue (Iredale, 1927) [QM]
H. hargravesi Cox, 1869 [QM; 56]
H. melculus (Iredale, 1927) [QM]

SUPERFAMILY TROCHOIDEA (see Note 4)

FAMILY TROCHIDAE

SUBFAMILY TROCHINAE

- Austrocochlea* Fischer, 1855
A. porcata (A. Adams, 1853) [QM; 32; 34; 56]
 (also as *A. constricta*)

<i>Calthalotia</i> Iredale, 1929					FAMILY TURBINIDAE
<i>C. arruensis</i> (Watson, 1880)	[61]				SUBFAMILY TURBININAE
<i>C. indistincta</i> (Wood, 1828)	[M; QM; 32; 56]				<i>Turbo</i> Linnaeus, 1758
<i>Clanculus</i> Montfort, 1810					<i>T. (Turbo)</i> s.s.
<i>C. atropurpureus</i> (Gould, 1849)	[QM]				<i>T. (T.) pethiolatus</i> Linnaeus, 1758 [QM]
<i>C. johnstoni</i> Hedley, 1917	[QM]				<i>T. (Dinassovica)</i> Iredale, 1937
<i>Eurytrochus</i> Fischer, 1880					<i>T. (D.) militaris</i> Reeve, 1848 [QM; 32; 44; 56]
<i>E. strangei</i> (A. Adams, 1853)	[QM]				as <i>T. imperialis</i>]
<i>Notogibbula</i> Iredale, 1924					<i>T. (Marnarostoma)</i> Swainson, 1829
<i>N. bicarinata</i> (A. Adams, 1854)	[QM, as <i>N. coxi</i>]				<i>T. (M.) haynesi</i> Preston, 1914 [QM; 32; 44; 56]
<i>Phasianotrochus</i> Fischer, 1885					<i>T. (Subninella)</i> Thiele, 1929
<i>P. eximius</i> (Perry, 1811)	[QM; 1]				<i>T. (S.) undulatus</i> Lightfoot, 1786 [QM; 32]
SUBFAMILY EUCYCLINAE					<i>Astridium</i> Link, 1807
<i>Euchelus</i> Philippi, 1847					<i>A. teutoriiformis</i> (Jonas, 1845) [QM; 44; 56]
<i>E. (Vacenchelus)</i> Iredale, 1929					<i>Bolma</i> Risso, 1826
<i>E. (V.) ampullus</i> Tate, 1893	[QM]				<i>B. aureola</i> (Hedley, 1907) [56]
<i>Herpetopoma</i> Pilsbry, 1894					SUBFAMILY ANGARIINAE
<i>H. atrata</i> (Gmelin, 1791)	[M; QM; 19; 32;				<i>Angaria</i> Röding, 1798
53, 56 (also as <i>Euchelus atratus</i>)]					<i>A. delphinus</i> (Linnaeus, 1758) [32]
<i>H. rubra</i> (A. Adams, 1853)	[QM]				FAMILY LIOTIDAE
SUBFAMILY HALISTYLINAE					<i>Austroliota</i> Cotton, 1948
<i>Botelloides</i> Strand, 1928					<i>A. botanica</i> (Hedley, 1915) [QM]
<i>B. glomeratus</i> (Hedley, 1907)	[37]				FAMILY PHASIANELLIDAE
SUBFAMILY SOLARIELLINAE					SUBFAMILY PHASIANELLINAE
<i>Spectamen</i> Iredale, 1924					<i>Phasianella</i> Lamarck, 1804
<i>S. bellulus</i> (Angas, 1869)	[QM]				<i>P. solida</i> (Born, 1778) [QM]
SUBFAMILY STOMATELLINAE					<i>P. variegata</i> Lamarck, 1822 [QM; 56]
<i>Stomatia</i> Helbling, 1779					SUBFAMILY TRICOLIINAE
<i>S. plymotis</i> Helbling, 1779	[QM; 32; 56]				<i>Tricolia</i> Risso, 1826
SUBFAMILY UMBONINAE					<i>T. fordiana</i> (Pilsbry, 1888) [QM; 61]
<i>Bankivia</i> Krauss, 1848					SUBCLASS NERITIMORPHA
<i>B. fasciata</i> (Menke, 1830)	[QM]				SUPERFAMILY NERITOIDEA
<i>Conotalopia</i> Iredale, 1929					FAMILY NERITIDAE
<i>C. tropicalis</i> (Hedley, 1907)	[QM]				SUBFAMILY NERITINAE
<i>Leiopyrga</i> H. & A. Adams, 1863					<i>Nerita</i> Linnaeus, 1758
<i>L. cingulata</i> (Adams, 1863)	[QM]				<i>N. albicilla</i> Linnaeus, 1758 [QM; 32; 56]
<i>Monilea</i> Swainson, 1840					<i>N. balteata</i> Reeve, 1855 [QM; 32; 34 as
<i>M. callifera</i> (Lamarck, 1822)	[QM; 32; 56]				<i>N. lineata</i>]
<i>M. morti</i> Iredale, 1919	[52, 53 also as				<i>N. chamaeleon</i> Linnaeus, 1758 [QM; 32; 34]
<i>Talopia morti</i>]					<i>N. costata</i> Gmelin, 1791 [QM; 32]
FAMILY CALLIOSTOMATIDAE					<i>N. melanotragus</i> (E.A. Smith, 1884) [QM; 32; 56]
<i>Calliostoma</i> Swainson, 1840					also as <i>N. atramentosa</i>] (see Note 5)
<i>C. comptum</i> (A. Adams, 1854)	[QM]				<i>N. planospira</i> Anton, 1839 [QM; 1; 34; 56]
<i>Astele</i> Swainson, 1855					<i>N. plicata</i> Linnaeus, 1758 [QM; 1; 32; 56]
<i>A. (Astele)</i> s.s.					<i>N. polita</i> Linnaeus, 1758 [QM; 1; 32; 56]
<i>A. (A.) speciosum</i> (A. Adams, 1854)	[QM; 32; 53; 56;				<i>N. reticulata</i> Karsten, 1789 [QM]
61]					<i>N. squamulata</i> Le Guillou, 1841 [QM; 32; 56]
FAMILY SKENEIDAE					<i>N. undata</i> Linnaeus, 1758 [QM; 32]
<i>Clunula</i> Thiele, 1925					<i>Clithon</i> Montfort, 1810
<i>C. johnstoni</i> (Beddome, 1883)	[QM]				<i>C. oualaniensis</i> (Lesson, 1831) [M] (see Note 6)
<i>Lodderia</i> Tate, 1899					FAMILY PHENACOLEPADIDAE
<i>L. lodderae</i> (Petters, 1884)	[QM]				<i>Phenacolepas</i> Pilsbry, 1891
					<i>P. crenulata</i> (Broderip, 1834) [QM]

- Placiotrypa* Cossman, 1888
P. cytherae (Lesson, 1831) [56]
Cinnalcpeta Iredale, 1929
C. cinnamomea (Gould, 1846) [QM; 1]
 SUBCLASS CAENOCASTROPODA
 CLADE SORBECONCHA
 SUPERFAMILY CERITHIOIDEA
 FAMILY CERITHIIDAE
 SUBFAMILY CERITHIINAE
Cerithium Bruguière, 1789
C. atromarginatum Dautzenberg & Bouge, 1933 [24]
C. citrinum Sowerby, 1855 [QM; 44]
C. coralium Kiener, 1841 [24]
C. egenum Gould, 1849 [24]
C. nesioticum Pilsbry & Vanatta, 1906 [QM; 24; 32]
C. novae-hollandiae A. Adams in Sowerby, 1855 [QM; 24; 44; 56]
C. punctatum Bruguière, 1792 [QM]
C. rostratum Sowerby, 1855 [24]
C. torresi E.A. Smith, 1884 [24]
Chelyomorus Jousseaume, 1888
C. batillariaeformis Habe & Kosuge, 1966 [23]
C. bifasciata (Sowerby, 1855) [QM; 32]
C. pellucida (Hombron & Jacquinot, 1852) [QM; 23]
C. petrosa (Wood, 1828) [QM; 23; 32; 56]
Rhinoclavis Swainson, 1840
R. aspera (Linnaeus, 1758) [32]
R. bretinghami Cernohorsky, 1974 [QM; 32]
R. vertagus (Linnaeus, 1758) [QM]
 SUBFAMILY ALABININAE
Alaba H. & A. Adams, 1853
A. difformis (Laseron, 1956) [QM, as *Australa difformis*; 32]
A. opimiosa (Iredale, 1936) [QM]
 SUBFAMILY BITTININAE
Bittium Leach in Gray, 1847
B. (Cacozeliana) Strand, 1928
B. (C.) lacertinum (Gould, 1861) [QM]
 FAMILY BATILLARIIDAE
Pyræzus Montfort, 1810
P. cbeninus (Bruguière, 1792) [QM; 19; 32; 34; 56]
Batillaria Benson, 1842
B. australis (Quoy & Gaimard, 1834) [QM; 19; 32; 34; 53; 56; also as *Velacumantus australis*]
 FAMILY DIALIDAE
Diala A. Adams, 1861
D. albugo (Watson, 1886) [39]
D. semistriata (Philippi, 1849) [QM as *D. varia*; 39]
 FAMILY PLANAXIDAE
 SUBFAMILY PLANAXINAE
Planaxis Lamarck, 1822
P. sulcatus (Born, 1780) [QM; 32; 56]
Hinea Gray, 1847
H. brasiliiana (Lamarck, 1822) [QM; 32; 56]
 FAMILY POTAMIDIDAE
Cerithidca Swainson, 1840
C. anticipata Iredale, 1929 [QM; 32; 34 as *Cerithidea obtusa*]
C. largilicrta (Philippi, 1849) [QM; 32; 34]
 FAMILY SCALIOLIDAE
Finella A. Adams, 1860
F. fabrica (Laseron, 1956) [32]
 FAMILY SILIQUARIIDAE
Pyxipoma Mörch, 1860
P. weldii (Tenison Woods, 1875) [1]
Tenagodus Guettard, 1770
T. australis (Quoy & Gaimard, 1834) [QM]
 FAMILY TURRITELLIDAE
 SUBFAMILY TURRITELLINAE
Colpospira Donald, 1900
C. aquamarina Garrard, 1972 [61]
C. cordisima (Watson, 1881) [1]
C. wollumbi Garrard, 1972 [1]
Gazameda Iredale, 1924
G. gunnii (Reeve, 1848) [QM; 1]
Haustator Montfort, 1810
H. (Kurosoia) Ida, 1952
H. (K.) cingulifera (Sowerby, 1825) [QM]
 SUBCLADE HYPSTOGASTROPODA
 GROUP LITTORINIMORPHA
 SUPERFAMILY LITTORINOIDEA
 FAMILY LITTORINIDAE
 SUBFAMILY LITTORININAE
Afrolittorina Williams, Reid & Littlewood, 2003
A. acutispina (E.A. Smith, 1892) [QM]
Austrolittorina Rosewater, 1970
A. unifasciata (Gray, 1826) [QM; 32; 56; also as *Nodilittorina unifasciata*]
Littoraria Griffith & Pidgeon, 1834
L. (Littoraria) s.s.
L. (L.) undulata (Gray, 1839) [QM]
L. (L.) Mörch, 1876
L. (L.) filosa (Sowerby, 1832) [QM]
L. (L.) luteola (Quoy & Gaimard, 1833) [QM; 45; 56]
L. (L.) philippiana (Reeve, 1857) [45; 61]
L. (L.) scabra (Linnaeus, 1758) [QM; 34; 45; 61]
L. (Palustorina) Reid, 1986
L. (P.) articulata (Philippi, 1846) [QM; 32; 45; 61]
Echinolittorina Habe, 1956
E. (Granulittorina) Habe & Kosuge, 1966
E. (G.) vidua (Gould, 1859) [QM as *E. milligrana*; 32; 46]

- Nodilittorina* von Martens, 1897
N. pyramidalis (Quoy & Gaimard, 1833) [QM; 32; 56]
- SUBFAMILY LACUNINAE
Bembicium Philippi, 1846
B. auratum (Quoy & Gaimard, 1834) [QM; 32; 34; 56]
B. nanum (Lamarck, 1822) [QM; 32; 56]
- SUPERFAMILY CALYPTRAEIOIDEA
FAMILY CALYPTRAEIDAE
Crepidula Lamarck, 1799
C. aculeata (Gmelin, 1791) [QM]
- SUPERFAMILY CAPULOIDEA
FAMILY CAPULIDAE
Capulus Montfort, 1810
C. devotus Hedley, 1904 [QM]
Icuncula Iredale, 1924
I. torcularis (Tenison Woods, 1878) [1]
- SUPERFAMILY CYPRAEOIDEA
FAMILY CYPRAEIDAE (see Note 7)
- SUBFAMILY CYPRAEINAE
Cypraea Linnaeus, 1758
C. tigris Linnaeus, 1758 [QM; 6; 15; 32; 33; 44; 56]
Mauritia Troschel, 1863
M. arabica (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
M. eglantina (Duclos, 1833) [QM; 6; 32; 33; 44]
- SUBFAMILY ERRONEINAE
Erronea Troschel, 1863
E. caurica (Linnaeus, 1758) [QM; 6; 32; 33; 44]
E. cylindrica (Born, 1778) [QM; 6; 32]
E. erronea (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
E. listeri (Gray, 1824) [QM; 6; 32; 33; all as *Erronea felina* or *Cypraea felina*]
E. xanthodon (Sowerby, 1822) [QM; 6; 32; 33; 44; 56]
Adusta Jousseaume, 1884
A. subviridis (Reeve, 1835) [QM; 6; 32; 33; 44; 56]
Bistolida Cossmann, 1920
B. hirundo (Linnaeus, 1758) [QM; 6; 44]
B. kieneri (Hidalgo, 1906) [44]
B. stolidia (Linnaeus, 1758) [QM; 6; 32]
B. ursellus (Gmelin, 1791) [6]
Contradusta Meyer, 2003
C. walkeri (Sowerby, 1832) [QM; 6; 33]
Cribrarula Strand, 1929
C. cribraria (Linnaeus, 1758) [6; 32; 44]
Notadusta Schilder, 1935
N. punctata (Linnaeus, 1771) [6]
Ovatipsa Iredale, 1931
O. chinensis (Gmelin, 1791) [QM; 6; 32; 44; 56]
Palmadusta Iredale, 1930
P. asellus (Linnaeus, 1758) [6; 32]
P. clandestina (Linnaeus, 1758) [QM; 6; 32; 33; 44]
P. contaminata (Sowerby, 1832) [6]
P. humphreysii (Gray, 1825) [QM; 6; 32; 33; 44; 56]
P. ziczac (Linnaeus, 1758) [QM; 6]
Purpuradusta Schilder, 1935
P. fimbriata (Gmelin, 1791) [6]
P. gracilis (Gaskoin, 1849) [QM; 6; 32; 33; 44; 56]
P. hammondae Iredale, 1939 [QM; 6; 32; 44; 56]
P. microdon (Gray, 1825) [6]
P. minoridens (Melville, 1901) [QM; 6; 32; 44]
Talostolida Iredale, 1930
T. teres (Gmelin, 1791) [QM; 6; 32; 44]
- SUBFAMILY EROSARIINAE
Erosaria Troschel, 1863
E. ceruica Sowerby, 1870 [QM; 6; 32; 44]
E. erosa (Linnaeus, 1758) [QM; 6; 15; 32; 33; 44; 53; 56]
E. flaveola (Linnaeus, 1758) [QM; 32; 33; 44; 56 also as *C. labrolineata*]
E. helvola (Linnaeus, 1758) [QM; 6; 32; 44]
E. miliaris (Gmelin, 1791) [6; 32; 44]
E. poraria (Linnaeus, 1758) [QM; 6; 44]
Monetaria Troschel, 1863
M. annulus (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
M. caputserpentis (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
M. moneta (Linnaeus, 1758) [QM; 6; 32; 33; 44]
Nucleolaria Oyama, 1959
N. nucleus (Linnaeus, 1758) [6]
Staphylaea Jousseaume, 1884
S. limacina (Lamarck, 1810) [QM; 6; 32; 33; 44]
S. staphylaea (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
- SUBFAMILY LURIINAE
Luria Jousseaume, 1884
L. isabella (Linnaeus, 1758) [6; 32; 44]
Lyncina Troschel, 1863
L. carneola (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
L. lyux (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]
L. vitellus (Linnaeus, 1758) [QM; 6; 32; 33; 44; 56]

Talparia Troschel, 1863
T. talpa (Linnaeus, 1758) [6]

SUBFAMILY UNCERTAIN

Pustularia Swainson, 1840
P. cicerula (Linnaeus, 1758) [6]
P. globulus (Linnaeus, 1758) [6]

FAMILY OVULIDAE (see Note 8)

SUBFAMILY OVULINAE

Ovula Bruguière, 1789
O. costellata Lamarck, 1810 [QM; 9; 32; 44]
O. ovum (Linnaeus, 1758) [QM; 9; 32; 44; 56]

Calpurnius Montfort, 1810
C. (Calpurnius) s.s.
C. (C.) verrucosus (Linnaeus, 1758) [QM; 9; 44; 56]
C. (Procalpurnius) Thiele, 1939
C. (P.) lacteus (Lamarck, 1810) [QM; 9]

Crenovula Cate, 1973
C. striatula striatula (Sowerby, 1828) [QM; 9]
C. striatula trailli (A. Adams, 1856) [9]
C. striatula tinctura (Garrard, 1963) [QM; 9; 15 as *Prinovula tinctura*; 44]

Habuprionovula Azuma, 1970
H. hervieri (Hedley, 1899) [9]

Prinovula Thiele, 1925
P. (Adamantia) Cate, 1973
P. (A.) dubia Cate, 1973 [QM; 9]
P. (A.) uvula Cate, 1973 [QM; 9; 44]

Prinovola Iredale, 1930
P. brevis (Sowerby, 1828) [QM; 9]
P. cavanaghi (Iredale, 1931) [QM; 9; 44]
P. pulchella (H. Adams, 1873) [QM; 9]
P. pudica (A. Adams, 1854) [44]
P. wilsoniana Cate, 1973 [QM; 9]

Prosinua Schilder, 1927
P. seuperi (Weinkauff, 1881) [QM; 9]

Pseudosinua Schilder, 1927
P. (Diminovula) Iredale, 1930
P. (D.) alabaster (Reeve, 1865) [9; 61]
P. (D.) punctata (Duclos, 1831) [QM; 9]
P. (D.) incisa Azuma & Cate, 1971 [QM; 9]
P. (D.) whitworthii Cate, 1973 [QM; 9]

P. (Inflatovula) Cate, 1973
P. (I.) culmen Cate, 1973 [9; 44]
P. (Labiovula) Cate, 1973
P. (L.) umbilica Cate & Azuma, 1973 [9]

SUBFAMILY VOLVINAE

Volva Röding, 1798
V. volva (Linnaeus, 1758) [QM; 9]
Cymbovula Cate, 1974
C. queenslandica Cate, 1974 [QM; 9]
Phenacovolva Iredale, 1930
P. (Phenacovolva) s.s.

P. (P.) rosea rosea (A. Adams, 1854) [QM; 32]
P. (P.) rosea schuiddi Fehse & Wiese, 1993 [15 as *P. schuiddi*]
P. (Pellasinuia) Iredale, 1931
P. (P.) subreflexa (A. Adams & Reeve, 1848) [9]

SUPERFAMILY CINGULOPSIDEA

FAMILY CINGULOPSIDAE

Eatonina Thiele, 1912
E. lutchingsae Ponder & Yoo, 1980 [43]
Eatoniopsis Thiele, 1912
E. (Rufodardauula) Ponder, 1965
E. (R.) castanea (Laseron, 1950) [43]
Pseudopisiuua Ponder & Yoo, 1980
P. gregaria gregaria (Laseron, 1950) [43]
P. gregaria rugifera Ponder & Yoo, 1980 [43]
Tubbreva Ponder, 1965
T. parva Ponder & Yoo, 1980 [43]

FAMILY EATONIELLIDAE

Eatoniella Dall, 1876
E. (Eatoniella) s.s.
E. (E.) atropurpurea (Frauenfeld, 1867) [42]
Crassitoniella Ponder, 1965
C. flavinea (Frauenfeld, 1867) [42]

SUPERFAMILY FICOIDEA

FAMILY FICIDAE

Ficus Röding, 1798
F. subintermedia (Orbigny, 1852) [QM]

SUPERFAMILY NATICOIDEA (see Note 9)

FAMILY NATICIDAE

SUBFAMILY NATICINAE

Natica Scopoli, 1777
N. stellata (Hedley, 1913) [QM]
N. vitellus (Linnaeus, 1758) [M; QM; 44; 56]
Naticarius Dumeril, 1806
N. alapapilionis (Röding, 1798) [QM]
N. collieri Récluz, 1844 [QM; 56; 61]
N. ouca (Röding, 1798) [QM]
Notocochlis Powell, 1933
N. gualtieriana (Récluz, 1844) [QM; 44 as *Natica gualtieriana*]

SUBFAMILY POLINICINAE

Polinices Montfort, 1810
P. cumingianus (Récluz, 1844) [QM; 44 both as *Polinices powisiana*]
P. jukesii Reeve, 1855 [QM]
P. marmilla (Linnaeus, 1758) [QM also as *Polinices pyrifornis*; 56]
Conuber Finlay & Marwick, 1937
C. conicus (Lamarck, 1822) [QM; 15; 19; 32; 53]
C. incei (Philippi, 1851) [QM; 32; 56]

- C. melastomus* (Swainson, 1822) [44; 56]
C. sordidus (Swainson, 1821) [QM; 32; 56]
Glossaulax Pilsbry, 1929
G. didyma (Röding, 1798) [QM]
Mammilla Schumacher, 1817
M. melanostoma (Gmelin, 1791) [32; 44]
M. sebae (Récluz, 1844) [QM]
M. simiae (Deshayes, 1838) [QM]
Neverita Risso, 1826
N. aulacoglossa (Pilsbry & Vanatta, 1908) [QM as *Polinices didyma*]
N. peselephanti (Link, 1807) [QM as *Polinices peselephanti*]
SUBFAMILY SININAE
Sinum Röding, 1798
S. haliotoideum (Linnaeus, 1758) [QM]
Eumaticina Fischer, 1885
E. linneana (Récluz, 1843) [QM]
E. papilla (Gmelin, 1791) [QM]
SUPERFAMILY PTEROTRACHEOIDEA
(see Note 10)
FAMILY ATLANTIDAE
Atlanta Lesueur, 1817
A. peronii Lesueur, 1817 [QM]
SUPERFAMILY RISSOOIDEA (see Note 11)
FAMILY RISSOIDAE
SUBFAMILY RISSOINAE
Alvania Risso, 1826
A. (Alvania) s.s.
A. (A.) firma (Laseron, 1956) [QM]
A. (A.) novarensis Frauenfeld, 1867 [QM]
A. (Linemera) Finlay, 1924
A. (L.) suprasculpta May, 1915 [QM]
Lucidestea Laseron, 1956
L. nitens (Frauenfeld, 1867) [QM, as *Rissoa nitens*]
Merelina Iredale, 1915
M. queenslandica Laseron, 1956 [QM]
SUBFAMILY RISSOININAE
Rissoina Orbigny, 1840
R. (Rissoina) s.s.
R. (R.) ambigua (Gould, 1849) [QM]
R. (R.) crassa Angas, 1871 [QM]
R. (R.) heronensis (Laseron, 1956) [QM]
R. (Phosinella) Mörch, 1876
R. (P.) allanae Laseron, 1950 [QM]
FAMILY ANABATHRONIDAE
(ANABATHRIDAE)
Anabathron Frauenfeld, 1867
A. ascensum Hedley, 1907 [QM]
A. contabulatum Frauenfeld, 1867 [QM]
A. lene (Hedley, 1915) [QM]
Amphithalamus Carpenter, 1865
A. (Amphithalamus) s.s.
A. (A.) incidatus (Frauenfeld, 1867) [QM]
A. (A.) fulcra (Laseron, 1956) [QM]
A. (A.) jacksoni (Brazier, 1894) [QM]
Badepigrus Iredale, 1955
B. inprorsa (Laseron, 1956) [QM]
B. protractus (Hedley, 1904) [QM]
FAMILY ASSIMINEIDAE
Assimineia Fleming, 1828
A. (Metassimineia) Thiele, 1927
A. (M.) brazieri Tenison Woods, 1876 [QM]
A. (M.) buccinoides (Quoy & Gaimard, 1834) [QM; 34 as *Hydrobia buccinoides*]
A. (M.) relata Cotton, 1942 [34]
FAMILY BARLEEIDAE
Pisinnia Monterosato, 1878
P. castella (Laseron, 1950) [40]
P. frauenfeldi (Frauenfeld, 1867) [40]
P. kershawii (Tenison Woods, 1878) [40]
P. nitida Ponder & Yoo, 1976 [40]
P. salebrosa (Frauenfeld, 1867) [40]
P. tasmanica (Tennison-Woods, 1876) [40]
P. tumida simplicostata Ponder & Yoo, 1976 [40]
P. vincula (Laseron, 1950) [40]
P. perdigna (Laseron, 1956) [QM]
FAMILY CAECIDAE
Caecum Fleming, 1813
C. amputatum Hedley, 1893 [QM]
C. lilianum Hedley, 1903 [QM]
Caecum sp. [QM as *C. septimentum*]
Parastrophia de Folin, 1869
P. cygnicollis (Hedley, 1904) [QM]
FAMILY CALOPIIDAE
Calopia Ponder, 1999
C. imitata Ponder, 1999 [38]
FAMILY EMBLANDIDAE
Emblanda Iredale, 1955
E. emblematica (Hedley, 1906) [QM]
FAMILY EPIGRIDAE
Epigrus Hedley, 1903
E. cylindracea (Tenison Woods, 1878) [QM]
E. dissimilis (Watson, 1886) [QM]
FAMILY IRAVADIIDAE
Iravadia Blandford, 1867
I. (Iravadia) s.s.
I. (I.) quadrasi (Boettger, 1893) [QM]
I. (Pseudonoba) Boettger, 1902
I. (P.) delicata (Philippi, 1849) [QM]
I. (P.) sublevis (Laseron, 1956) [QM]
Nozeba Iredale, 1915
N. topaziaca (Hedley, 1908) [QM]

FAMILY STENOthyRIDAE

- Stenothyra* Benson, 1856
S. australis Hedley, 1901 [QM; 34]

FAMILY TRUNCATELLIDAE

- Truncatella* Risso, 1826
T. scalarina Cox, 1867 [QM]

FAMILY TORNIDAE

SUBFAMILY VITRINELLINAE

- Callomphala* A. Adams & Angas, 1864
C. lucida A. Adams & Angas, 1864 [QM]
Liotropia Laseron, 1958
L. introspecta (Hedley, 1907) [QM; 8]
Pseudoliotia Tate, 1898
P. axialis Laseron, 1958 [QM; 7]
P. gowlandi (Brazier, 1874) [7]
P. micans (A. Adams, 1850) [QM; 7]
P. speciosa (Angas, 1877) [QM; 7]

SUPERFAMILY STROMBOIDEA

FAMILY STROMBIDAE

- Lambis* Röding, 1798
L. lambis (Linnaeus, 1758) [44]
L. truncata (Humphrey, 1786) [32; 44]
Strombus Linnaeus, 1758
S. (Canarium) Schumacher, 1817
S. (C.) erythrinus Dillwyn, 1817 [QM; 44]
S. (C.) labiatus (Röding, 1798) [QM; 32; 44; 56]
S. (C.) micourceus (Kira, 1959) [QM; 32; 44]
S. (C.) mutabilis Swainson, 1821 [QM; 44; 56]
S. (Conomnrex) Fischer, 1884
S. (C.) luhuanus Linnaeus, 1758 [QM; 32; 44; 56]
S. (Dolomena) Iredale, 1931
S. (D.) dilatatus Swainson, 1821 [44]
S. (Doxander) Iredale, 1931
S. (D.) campbelli Griffith & Pidgeon, 1834 [QM; 32; 44; 53; 56]
S. (D.) vittatus Linnaeus, 1758 [53]
S. (Euprotomus) Gill, 1870
S. (E.) aurisdianae Linnaeus, 1758 [56]
S. (E.) aratum (Röding, 1798) [56]
S. (Gibberulus) Jousseaume, 1888
S. (G.) gibberulus Linnaeus, 1758 [QM; 32]

SUPERFAMILY TONNOIDEA

FAMILY TONNIDAE

SUBFAMILY TONNINAE

- Tonna* Brunnich, 1772
T. chinensis (Dillwyn, 1817) [QM]
T. perdis (Linnaeus, 1758) [QM]
T. tetracotula Hedley, 1919 [QM]
T. variegata (Lamarck, 1822) [QM; 32; 56]

SUBFAMILY CASSINAE

- Casmaria* H. & A. Adams, 1853
C. ponderosa (Gmelin, 1791) [QM]

SUBFAMILY PHALINAE

- Phalium* Link, 1807
P. areola (Linnaeus, 1758) [QM; 32; 44; 56]
P. bandatum (Perry, 1811) [QM; 32; 56]
Semicassis (Mörch, 1852)
S. bisulcata (Schubert & Wagner, 1820) [QM]
S. labiata (Perry, 1811) [QM; 1]
S. sophia (Brazier, 1872) [QM]

FAMILY BURSIDAE

- Bursa* Röding, 1798
B. granularis (Röding, 1798) [QM; 44; 56]
B. rhodostoma (Beck in Sowerby, 1835) [44]
Bufonaria Schumacher, 1817
B. margaritula (Deshayes, 1832) [61]
Tutufa Jousseaume, 1881
T. (Tutufa) s.s.
T. (T.) bubo (Linnaeus, 1758) [61]

FAMILY PERSONIDAE

- Distorsio* Röding, 1798
D. reticularis (Linnaeus, 1758) [QM]

FAMILY RANELLIDAE

SUBFAMILY RANELLINAE

- Gyrineum* Link, 1807
G. laciniatum (Mighels, 1845) [QM; 32; 44; 56]

SUBFAMILY CYMATIINAE

- Cymatium* Röding, 1798
C. (Gelagna) Schaufuss, 1869
C. (G.) succinctum (Linnaeus, 1771) [QM; 32]
C. (Gutturium) Mörch, 1852
C. (G.) muricinum (Röding, 1798) [QM]
C. (Litoria) Emerson & Old, 1963
C. (L.) lotorium (Linnaeus, 1758) [QM]
C. (Monoplex) Perry, 1811
C. (M.) aquatile (Reeve, 1844) [QM]
C. (M.) exaratum (Reeve, 1844) [QM; 44]
C. (M.) mundum (Gould, 1849) [QM]
C. (M.) nicobaricum (Röding, 1798) [QM]
C. (M.) parthenopeum (von Salis, 1793) [QM; 32; 44; 56]
C. (M.) pileare (Linnaeus, 1758) [QM; 32; 44; 56]
C. (M.) vespacum (Lamarck, 1822) [QM]
C. (Ranularia) Schumacher, 1817
C. (R.) caudatum (Gmelin, 1791) [QM]
C. (R.) gutturium (Röding, 1798) [QM]
C. (R.) sarcostomum (Reeve, 1844) [QM; 44]
C. (Septa) Perry, 1810
C. (S.) hepaticum (Röding, 1798) [QM]
C. (S.) occidentale (Mörch, 1877) [QM; 32]
C. (S.) rubeculum (Linnaeus, 1758) [QM]
C. (Turritriton) Dall, 1904
C. (T.) labiosum (Wood, 1828) [QM; 32]
Cabestana Röding, 1798
C. spengleri Perry, 1811 [QM; 32; 44; 56]
Charonia Gistel, 1848

- C. lampas* (Linnaeus, 1758) [QM; 1; 32]
C. tritonis (Linnaeus, 1758) [32; 44]
- SUPERFAMILY VANIKOROIDEA
- FAMILY VANIKORIDAE
- Vanikoro* Quoy & Gaimard, 1832
V. cancellata (Lamarck, 1822) [QM; 15]
V. helicoidea Le Guillou, 1842 [QM]
- Couthouyia* A. Adams, 1860
C. cf gracilis (Henn & Brazier, 1894) [QM]
- FAMILY HIPPONICIDAE
- Hipponix* Defrance, 1819
H. conicus (Schumacher, 1817) [QM]
- SUPERFAMILY VELUTINOIDEA
- FAMILY LAMELLARIIDAE
- Lamellaria* Montagu, 1815
'Lamellaria sp.' [see Note 12]
- FAMILY TRIVIIDAE
- SUBFAMILY TRIVIINAE
- Trivia* Gray, 1832
T. (Cleotrivina) Iredale, 1930
T. (C.) globosa (Sowerby, 1832) [QM]
T. (Ellatrivina) Iredale, 1931
T. (E.) merces (Iredale, 1924) [QM]
T. (Trivirostra) Jousseaume, 1884
T. (T.) edgari Shaw, 1909 [QM]
T. (T.) liordacea (Kiener, 1843) [QM]
T. (T.) oryza (Lamarck, 1810) [QM; 56]
T. (T.) pellucidula (Reeve, 1846) [QM]
- SUBFAMILY ERATOINAE
- Proterato* Schilder, 1927
P. (Cypraerato) Schilder, 1932
P. (C.) angistoma (Sowerby, 1832) [QM; 61]
P. (C.) genina (Bavay, 1917) [QM]
P. (Eratoena) Iredale, 1935
P. (E.) sulcifera (Sowerby, 1832) [QM]
P. (Sulcerato) Finlay, 1930
P. (S.) lachryma (Sowerby, 1832) [QM]
P. (S.) recondita (Melvill & Standen, 1903) [QM]
- SUPERFAMILY VERMETOIDEA
- FAMILY VERMETIDAE (see Note 13)
- Serpulorbis* Sassi, 1827
Serpulorbis sp. (Lamarck, 1818) [QM]
- SUPERFAMILY XENOPHOROIDEA
- FAMILY XENOPHORIDAE
- Xenophora* Fischer, 1887
Xenophora sp. [32]
- GROUP PTENOGLOSSA
- SUPERFAMILY EPITONIOIDEA
- FAMILY EPITONIIDAE (see Note 14)
- Epitonium* Röding, 1798
E. barissum (Iredale, 1936) [44]
E. christyi (Iredale, 1936) [QM]
E. imperialis (Sowerby, 1844) [32; 44; 56]
E. irregulare (Sowerby, 1844) [QM]
E. jukesianum (Forbes, 1852) [44, as *E. ampacta*]
E. lyrum (Sowerby, 1844) [44]
E. millecostatum (Pease, 1861) [QM]
E. minorum (Iredale, 1936) [QM]
E. perplexum Pease, 1867 [QM also as *E. perplicatum*; 44]
E. replicatum (Sowerby, 1844) [QM; 44]
E. sexcostum Jousseaume, 1912 [61]
E. tacitum Iredale, 1936 [QM]
E. tenellum (Hutton, 1885) [32; 56 as *E. helicorinum*]
- Cirsotrema* Mörch, 1852
C. morchii (Angas, 1871) [QM]
- Acrilla* H. & A. Adams, 1860
A. acuminata (Sowerby, 1844) [32]
- Eglisia* Gray, 1847
E. tricarinata A. Adams & Reeve, 1850 [56]
- Opalia* H. & A. Adams, 1853
O. ballinensis (E.A. Smith, 1891) [32]
- FAMILY JANTHINIDAE
- Janthina* Röding, 1798
J. exigua Lamarck, 1816 [32; 44; 56]
J. janthina (Linnaeus, 1758) [QM; 32; 44; 56]
J. pallida (Thompson, 1840) [44 as *J. globosa*]
- Recluzia* Petit, 1853
R. lurgraevesi Cox, 1870 [QM; 44; 61]
- SUPERFAMILY EULIMOIDEA (see Note 15)
- FAMILY EULIMIDAE
- Eulina* Risso, 1826
Eulina sp. [M]
- Hypermastus* Pilsbry, 1918
Hypermastus sp. [M]
- Mucronalia* A. Adams, 1860
Mucronalia sp. [M]
- Pictobalcis* Laseron, 1955
Pictobalcis sp. [M]
- Sticteulima* Laseron, 1955
S. lentiginosus (A. Adams, 1861) [QM as *Lentigobalcis lentiginosa*]
- SUPERFAMILY TRIPHOROIDEA (see Note 16)
- FAMILY TRIPHORIDAE
- SUBFAMILY TRIPHORINAE
- Triphora* Blainville, 1828
T. granulata (A. Adams & Reeve, 1850) [QM; 11]
T. tessellata (Kosuge, 1963) [QM; 11]
T. truncis (Laseron, 1958) [QM; 11]
- Aclophora* Laseron, 1958

<i>A. alveata</i> Laseron, 1958	[QM; 11]	<i>S. rutilians</i> (Hervier, 1897)	[QM; 11]
<i>A. kerslakei</i> Laseron, 1958	[30]	<i>Talophora</i> Gründel, 1975	
<i>A. robusta</i> Laseron, 1958	[QM; 11; 30; 61]	<i>T. subulata</i> (Laseron, 1958)	[QM]
<i>A. xystica</i> (Jousseaume, 1884)	[11 as <i>A. grandiosa</i>]	<i>Tetrachora</i> Laseron, 1958	
<i>Aclophoreopsis</i> Marshall, 1983		<i>T. inigua</i> (Jousseaume, 1898)	[QM; 11]
<i>A. maculosa</i> (Hedley, 1908)	[QM; 11]	<i>T. mapoonensis</i> Laseron, 1958	[QM; 11]
<i>Bouchettriphora</i> Marshall, 1983		<i>Viriola</i> Jousseaume, 1884	
<i>B. aspergata</i> (Laseron, 1958)	[QM; 11; 30 as	<i>V. cancellata</i> (Hinds, 1843)	[QM]
<i>Coriophora nigrogranosa</i>]		<i>V. elegans</i> (Hinds, 1843)	[QM]
<i>B. pallida</i> (Pease, 1870)	[QM; 11]	<i>V. incisa</i> (Pease, 1861)	[QM]
<i>Cautor</i> Finlay, 1927		<i>V. truncata</i> Marshall, 1983	[QM]
<i>C. intermissa</i> (Laseron, 1958)	[QM; 11]	SUBFAMILY METAXIINAE	
<i>C. sinuilis</i> (Pease, 1871)	[M; QM; 11]	<i>Metaxia</i> Monterosato, 1884	
<i>Euthymella</i> Thiele, 1929		<i>Metaxia</i> sp.	[QM; 11]
<i>E. elegans</i> (Hinds, 1843)	[QM; 11]	<i>Seilarex</i> Iredale, 1924	
<i>E. elongata</i> (Laseron, 1958)	[QM; 11]	<i>S. turritelliformis</i> (Angas, 1877)	[QM; 11]
<i>E. kosugei</i> Marshall, 1983	[11]	<i>S. verconis</i> Cotton, 1951	[11]
<i>Inella</i> Bayle, 1879		FAMILY CERITHIOPSIDAE	
<i>I. acicula</i> Laseron, 1958	[QM; 11]	<i>Clathropsis</i> Laseron, 1956	
<i>I. hervieri</i> (Kosuge, 1963)	[QM; 11]	<i>C. maritima</i> Laseron, 1956	[QM; 28]
<i>I. pavimenta</i> (Laseron, 1958)	[QM; 11]	<i>C. mellita</i> Laseron, 1956	[QM]
<i>Iniforis</i> Jousseaume, 1884		<i>Conciliopsis</i> Laseron, 1956	
<i>I. violaceus</i> (Quoy & Gaimard, 1843)	[QM; 11]	<i>C. carota</i> Laseron, 1956	[QM]
<i>Latitriphora</i> Marshall, 1983		<i>Horologica</i> Laseron, 1956	
<i>L. conferta</i> (Laseron, 1958)	[30 as <i>Aclophora conferta</i>]	<i>H. bicolor</i> Laseron, 1956	[QM]
<i>Mastonia</i> Hinds, 1843		<i>H. bipartita</i> Laseron, 1956	[QM]
<i>M. rubra</i> (Hinds, 1843)	[QM; 11]	<i>H. minareta</i> Laseron, 1956	[QM]
<i>M. ustulata</i> (Hervier, 1897)	[QM; 11]	<i>H. telegraphica</i> (Hedley, 1909)	[QM]
<i>Mesophora</i> Laseron, 1958		<i>Joculator</i> Hedley, 1909	
<i>M. fulva</i> (Laseron, 1958)	[QM]	<i>J. albordina</i> Laseron, 1956	[QM]
<i>M. fusca</i> (Dunker, 1860)	[QM; 11; 30 as	<i>J. columna</i> Laseron, 1956	[QM]
<i>M. bowenensis</i>]		<i>J. continens</i> Laseron, 1956	[QM]
<i>M. inconspicua</i> (Laseron, 1958)	[QM; 11]	<i>J. melania</i> Laseron, 1956	[QM]
<i>M. mistura</i> (Laseron, 1958)	[QM; 11]	<i>J. minima</i> Laseron, 1956	[QM]
<i>M. pallenta</i> (Laseron, 1958)	[QM; 11]	<i>J. semiplica</i> Laseron, 1956	[QM]
<i>M. rufosutura</i> Laseron, 1958	[QM; 11]	<i>J. subula</i> Laseron, 1956	[QM]
<i>M. tigris</i> (Laseron, 1958)	[30 as <i>Coriophora tigris</i>]	<i>J. tomacula tomacula</i> Laseron, 1956	[QM]
<i>Monophorus</i> Grillo, 1877		<i>J. tomacula negrita</i> Laseron, 1956	[QM]
<i>M. constricta</i> (Laseron, 1958)	[QM; 11]	<i>J. tribulationis</i> (Hedley, 1909)	[QM]
<i>M. diminuta</i> (Laseron, 1958)	[QM; 11]	<i>J. varians</i> Laseron, 1956	[QM]
<i>M. subora</i> (Laseron, 1958)	[QM]	<i>Seila</i> A. Adams, 1861	
<i>Nanaphora</i> Laseron, 1958		<i>S. crocea</i> (Angas, 1871)	[QM; 52 as
<i>N. caloundra</i> Laseron, 1958	[QM; 30]	<i>Cerithiopsis</i> (<i>Notoseila</i>) <i>crocea</i>]	
<i>N. tricolor</i> Laseron, 1958	[QM; 30]	<i>Syuthopsis</i> Laseron, 1956	
<i>Obesula</i> Jousseaume, 1898		<i>S. columna</i> Laseron, 1956	[QM]
<i>O. tribulationis</i> (Hedley, 1909)	[QM; 11]	<i>Tuberclipsis</i> Laseron, 1956	
<i>Opinaphora</i> Laseron, 1958		<i>T. bowenensis</i> Laseron, 1956	[QM]
<i>O. albogemmata</i> Laseron, 1958	[QM]	<i>T. capricornia</i> Laseron, 1956	[QM]
<i>O. litorea</i> Laseron, 1958	[QM]	<i>T. elongata</i> Laseron, 1956	[QM]
<i>O. sarcira</i> Laseron, 1958	[QM; 11]	GROUP NEOGASTROPODA	
<i>Sagenotriphora</i> Marshall, 1983		SUPERFAMILY BUCCINOIDEA	
<i>S. ampulla</i> (Hedley, 1903)	[QM; 11]	FAMILY BUCCINIDAE	
<i>Subulophora</i> Laseron, 1958		SUBFAMILY BUCCININAE	
		<i>Phos</i> Watson, 1882	

- P. sculptilis* Watson, 1886 [QM; 53]
P. senticosus (Linnaeus, 1758) [QM; 56]
- SUBFAMILY PISANIINAE
- Cantharus* Röding, 1798
C. (Clivipollia) Iredale, 1929
C. (C.) pulcher (Reeve, 1846) [QM]
C. (Pollia) Gray in Sowerby, 1834
C. (P.) fumosus (Dillwyn, 1817) [QM]
C. (P.) undosus (Linnaeus, 1758) [QM; 56]
C. (Prodolia) Dall, 1924
C. (P.) iostomus (Gray in Griffith & Pidgeon, 1834) [QM]
- Engina* Gray, 1839
E. armillata (Reeve, 1846) [QM; 44]
E. concinna (Reeve, 1846) [QM]
E. incarnata (Deshayes, 1834) [QM]
E. lineata (Reeve, 1846) [QM]
E. siderea (Reeve, 1846) [QM]
E. zonalis (Lamarck, 1822) [QM; 44; 56]
- Pisania* Bivona, 1832
P. crenilabrum A. Adams, 1855 [QM]
P. luctuosa Tapperone-Canefri, 1875 [QM]
- FAMILY COLUBRARIIDAE
- Colubraria* Schumacher, 1817
C. brazieri (Angas, 1869) [QM; 62 as *Fusus brazieri*]
C. castanea Kuroda & Habe, 1952 [QM]
C. nitidula (Sowerby, 1833) [QM]
- FAMILY COLUMBELLIDAE (see Note 17)
- SUBFAMILY COLUMBELLINAE
- Euplicia* Dall, 1889
E. scripta (Lamarck, 1822) [QM; 56 both as *Pyrene scripta*]
E. turturina (Lamarck, 1822) [QM; 44 both as *Pyrene turturina*]
E. varians (Sowerby, 1832) [QM as *Pyrene varians* and *Zafra varians*]
- SUBFAMILY PYRENINAE
- Aesopus* Gould, 1860
A. spiculum (Duclos in Chenu, 1846) [QM]
- Anaclis* H. & A. Adams, 1853
A. atkinsoni Tenison Woods, 1875 [M; QM]
A. lurida (Hedley, 1907) [QM]
A. marquesa (Gaskoin, 1852) [M]
A. miser (Sowerby, 1844) [M]
A. smithi (Angas, 1877) [QM]
A. spiculum (Duclos in Chenu, 1846) [QM]
- Graphicomassa* Iredale, 1929
G. albina (Kiener, 1841) [QM; 56]
- Indomitrella* Oostingh, 1940
I. puella (Sowerby, 1844) [QM]
- Mitrella* Risso, 1826
M. abyssicola (Brazier, 1877) [QM]
M. intexta (Gaskoin, 1852) [QM]
- M. moleculina* (Duclos, 1840) [QM]
M. peroniana (Hedley, 1913) [QM]
M. semiconvexa (Lamarck, 1822) [QM]
M. tayloriana (Reeve, 1859) [QM]
M. venulata (Sowerby, 1894) [QM]
- Pardalinops* deMaintenon, 2008
P. testudinaria (Link, 1807) [QM; 32; 56 as *Pyrene testudinaria*]
Parviterebra Pilsbry, 1904
P. brazieri (Angas, 1875) [QM]
P. trilineata (A. Adams & Angas, 1864) [QM]
- Pyrene* Röding, 1798
P. flava (Bruguière, 1789) [QM]
P. punctata (Bruguière, 1789) [QM; 56]
- Zafra* A. Adams, 1860
Z. darwini Angas, 1877 [M]
Z. pumila (Dunker, 1860) [QM]
Z. troglodytes (Souverbie, 1866) [QM]
- FAMILY FASCIOLARIIDAE
- Fusinus* Rafinesque, 1815
F. colus (Linnaeus, 1758) [QM; 32; 53; 56]
F. nicobaricus (Röding, 1798) [32]
- Latirolagena* Harris, 1897
L. smaragdula (Linnaeus, 1758) [QM]
- Latirus* Montfort, 1810
L. turritus (Gmelin, 1791) [QM]
- Nodopelagia* Hedley, 1915
N. brazieri (Angas, 1877) [62]
- Peristernia* Mörch, 1852
P. incarnata (Kiener, 1830) [QM]
P. nassatula (Lamarck, 1822) [QM; 44]
P. ustulata (Reeve, 1847) [QM]
- Saginafusus* Iredale, 1931
S. pricei (E.A. Smith, 1887) [QM]
- FAMILY NASSARIIDAE
- SUBFAMILY NASSARIINAE
- Nassarius* Dumeril, 1806
N. (Nassarius) s.s.
N. (N.) coronatus (Bruguière, 1789) [QM; 32; 56]
N. (Alectrion) Montfort, 1810
N. (A.) glaus (Linnaeus, 1758) [QM]
N. (A.) particeps (Hedley, 1915) [QM]
N. (Hina) Leach in Gray, 1852
N. (H.) pauperus (Gould, 1850) [QM; 32; 51; 52; also as *Reticunassa paupera*]
N. (Niotha) H. & A. Adams, 1853
N. (N.) albescens (Dunker, 1846) [QM]
N. (N.) conoidalis (Deshayes, 1832) [QM; 53 as *Niotha gemmulata*]
N. (N.) echinatus (A. Adams, 1852) [QM]
N. (N.) pauperatus (Lamarck, 1822) [QM; 32]
N. (Plicarcularia) Thiele, 1929
N. (P.) burclardi (Dunker in Philippi, 1849) [QM; 32; 34]
N. (P.) globosus (Quoy & Gaimard, 1833) [62]

- N. (P.) jonassii* (Dunker, 1846) [QM; 19; 32; 56]
N. (P.) pullus (Linnaeus, 1758) [QM; 15; 56; 62]
N. (Telasco) H. & A. Adams, 1853
N. (T.) gaudiosus (Hinds, 1844) [QM]
N. (T.) luridus (Gould, 1850) [QM; 62]
N. (Zeuxis) H. & A. Adams, 1853
N. (Z.) algidus (Reeve, 1853) [QM]
N. (Z.) celebensis (Schepman, 1907) [62]
N. (Z.) comptus (A. Adams, 1852) [QM]
N. (Z.) dorsatus (Röding, 1798) [QM; 15; 19; 32; 56]
N. (Z.) melanoides (Reeve, 1853) [QM; 62]
N. (Z.) olivaceus (Bruguière, 1789) [QM; 32; 62]
- SUPERFAMILY CANCELLARIOIDEA
- FAMILY CANCELLARIIDAE
- SUBFAMILY CANCELLARIINAE
- Cancellaria* Lamarck, 1799
- C. (Merica) H. & A. Adams, 1854*
C. (M.) elegans Sowerby, 1822 [QM]
C. (Nevia) Jousseaume, 1887
C. (N.) spirata Lamarck, 1822 [QM]
C. (Sydaphera) Iredale, 1929
C. (S.) granosa Sowerby, 1832 [QM as *Trigonostoma granosa*]
C. (S.) spengleriana Deshayes, 1830 [QM]
- Trigonostoma* Blainville, 1827
T. amasia (Iredale, 1930) [QM; 56]
T. obliquata (Lamarck, 1822) [QM]
T. scalariformis (Lamarck, 1822) [62]
T. scalarina (Lamarck, 1822) [QM]
- SUBFAMILY PLESIOTRITONINAE
- Tritonoharpa* Dall, 1908
T. angasi (Brazier, 1877) [QM; 62]
- SUPERFAMILY CONOIDEA (see Note 18)
- FAMILY CONIDAE
- SUBFAMILY CONINAE
- Conus* Linnaeus, 1758
C. ammiralis Linnaeus, 1758 [QM; 32; 44]
C. arenatus Hwass in Bruguière, 1792 [QM; 32; 44]
C. canonicus Hwass in Bruguière, 1792 [44]
C. capitaneus Linnaeus, 1758 [QM; 32; 44; 56]
C. catus Hwass in Bruguière, 1792 [QM; 32]
C. chaldaeus (Röding, 1798) [QM]
C. coronatus Gmelin, 1791 [QM; 32]
C. cyanostoma A. Adams, 1854 [QM; 32; 44]
C. distans Hwass in Bruguière, 1792 [32]
C. ebraeus Linnaeus, 1758 [QM; 32; 56]
C. eburneus Hwass in Bruguière, 1792 [QM]
C. emaciatus Reeve, 1849 [QM]
C. episcopatus daMotta, 1982 [QM; 44]
C. ferrugineus Hwass in Bruguière, 1792 [QM; 32; as *C. planorbis*]
C. flavidus Lamarck, 1810 [QM; 32; 44]
C. geographus Linnaeus, 1758 [QM; 32; 56]
C. imperialis Linnaeus, 1758 [44]
C. leopardus (Röding, 1798) [QM; 56]
- C. lischkeanus* Weinkauff 1875 [QM; 56]
C. litoglyphus Hwass in Bruguière, 1792 [QM]
C. litteratus Linnaeus, 1758 [QM; 32; 44]
C. lividus Hwass in Bruguière, 1792 [QM; 32; 44]
C. miles Linnaeus, 1758 [QM; 32; 44]
C. miliaris Hwass in Bruguière, 1792 [QM]
C. moreleti Crosse, 1858 [62]
C. muriculatus Sowerby, 1833 [QM; 44; 56]
C. musicus Hwass in Bruguière, 1792 [QM; 32; 44; 56]
C. mustelinus Hwass in Bruguière, 1792 [QM]
C. obscurus Sowerby, 1833 [QM; 44]
C. omaria Hwass in Bruguière, 1792 [QM; 32; 44; 56]
C. planorbis Born, 1778 [QM; 44; 56; 62; also as *C. vitulinus*]
C. pulicarius Hwass in Bruguière, 1792 [QM]
C. quercinus Lightfoot, 1786 [QM; 44; 56]
C. rattus Hwass in Bruguière, 1792 [QM]
C. rufimaculosus Macpherson, 1959 [QM; 32; 44]
C. sanguinolentus Quoy & Gaimard, 1834 [QM]
C. sponsalis Hwass in Bruguière, 1792 [QM]
C. striatus Linnaeus, 1758 [QM; 32; 44; 56; 61]
C. suturatus Reeve, 1844 [62]
C. terebra Born, 1778 [QM; 32; 44]
C. tessulatus Born, 1778 [QM; 56; 62]
C. textile Linnaeus, 1758 [QM; 32; 44; 56]
C. varius Linnaeus, 1758 [32; 44]
C. vexillum Gmelin, 1791 [QM; 32; 44]
C. virgo Linnaeus, 1758 [QM; 32; 44]
- SUBFAMILY CLATHURELLINAE
- Etrema* Hedley, 1918
E. alliterata (Hedley, 1916) [QM; 22]
E. capillata Hedley, 1922 [QM]
E. catapasta Hedley, 1922 [52]
E. crassilabrum (Reeve, 1843) [QM]
E. curtisiana Hedley, 1922 [QM]
E. firma Hedley, 1922 [QM]
E. orirufa Hedley, 1922 [QM]
E. scalarina (Deshayes, 1863) [QM]
E. spurca (Hinds, 1843) [QM; 52]
E. tortilabra Hedley, 1922 [QM]
- Eucithara* Fischer, 1883
E. arenivaga Hedley, 1922 [QM; 32]
E. crassilabrum (Reeve, 1846) [QM]
E. cylindrica (Reeve, 1846) [QM]
E. phyllidis Hedley, 1922 [QM]
- Lienardia* Jousseaume, 1884
L. lischkeana (Pilsbry, 1904) [QM]
L. malleti (Reeve, 1852) [QM]
L. punctilla Hedley, 1922 [QM]
- Pulsarella* Lasseron, 1954
P. cognata (E.A. Smith, 1877) [22 as *Asthenotoma cognata*]
- SUBFAMILY MANGELIINAE
- Antiguraleus* Powell, 1939
A. serpentis (Lasseron, 1954) [QM]

<i>A. tepidus</i> (Laseron, 1954)	[QM]	FAMILY TURRIDAE	
<i>Apispiralia</i> Laseron, 1954		SUBFAMILY TURRINAE	
<i>A. catena</i> Laseron, 1954	[QM]	<i>Turridrupa</i> Hedley, 1922	
<i>Filodrillia</i> Hedley, 1922		<i>T. albofasciata</i> (E.A. Smith, 1877)	[QM]
<i>F. haswelli</i> (Hedley, 1907)	[QM]	<i>T. bijubata</i> (Reeve, 1843)	[QM]
<i>F. stadialis</i> Hedley, 1922	[QM]	<i>T. cerithina</i> (Anton, 1839)	[QM]
<i>Guraleus</i> Hedley, 1918		<i>T. cincta</i> (Lamarck, 1822)	[QM]
<i>G. fascinus</i> Hedley, 1922	[QM]	<i>Xenuroturrus</i> Iredale, 1929	
<i>G. mitralis</i> (A. Adams & Angas, 1869)	[QM]	<i>X. millepunctata</i> (Sowerby, 1908)	[QM]
<i>G. pictus</i> (A. Adams & Angas, 1864)	[QM; 22]	SUBFAMILY DAPHNELLINAE	
<i>G. tasmanitis</i> Laseron, 1954	[QM]	<i>Daphnella</i> Hinds, 1844	
<i>Heterocithara</i> Hedley, 1922		<i>D. botanica</i> Hedley, 1918	[QM]
<i>H. bilineata</i> (Angas, 1871)	[QM]	<i>D. cheverti</i> Hedley, 1922	[52]
<i>H. erismata</i> Hedley, 1922	[QM]	<i>D. souzerbiei</i> (E.A. Smith, 1882)	[22 as <i>Hemidaphne souzerbiei</i>]
<i>Marita</i> Hedley, 1922		<i>Asperdaphne</i> Hedley, 1922	
<i>M. bella</i> A. Adams & Angas, 1864	[QM]	<i>A. hayesiana</i> (Angas, 1871)	[QM]
<i>Paramontana</i> Laseron, 1954		<i>A. moretonica</i> (E.A. Smith, 1882)	[22]
<i>P. fusca</i> Laseron, 1954	[QM]	<i>Exonilus</i> Hedley, 1918	
<i>P. modesta</i> (Angas, 1877)	[QM]	<i>E. anxius</i> (Hedley, 1909)	[QM]
<i>Turrella</i> Laseron, 1954		<i>Kermia</i> Oliver, 1915	
<i>T. asperina</i> Laseron, 1954	[QM]	<i>K. barnardi</i> (Brazier, 1876)	[QM]
<i>T. tenuilirata</i> (Angas, 1871)	[QM]	<i>K. canistra</i> (Hedley, 1922)	[QM]
FAMILY DRILLIIDAE		<i>K. daedalea</i> (Garrett, 1873)	[QM]
<i>Epidirona</i> Iredale, 1931		<i>Neopotilla</i> Hedley, 1918	
<i>E. cosifera</i> Laseron, 1954	[QM]	<i>N. tropicalis</i> Hedley, 1922	[QM]
<i>Inquisitor</i> Hedley, 1918		<i>Philbertia</i> Monterosato, 1864	
<i>I. flindersianus</i> Hedley, 1922	[QM; 53; 55]	<i>P. attenuata</i> (Hedley, 1922)	[QM]
<i>I. lassulus</i> Hedley, 1922	[QM]	<i>P. canistra</i> (Hedley, 1922)	[QM]
<i>I. spicata</i> (Hinds, 1843)	[QM]	<i>P. pustulata</i> (Angas, 1877)	[QM]
<i>I. sterrilus</i> (Watson, 1881)	[QM also as <i>I. formidabilis</i> ; 55; 56]	<i>P. ramsayi</i> (Brazier, 1876)	[QM]
<i>Ptychobela</i> Thiele, 1925		<i>Tasmadaphne</i> Laseron, 1954	
<i>P. flavidula</i> (Lamarck, 1822)	[QM; 55]	<i>T. aculeola</i> (Hedley, 1915)	[QM]
<i>Splendrillia</i> Hedley, 1922		SUBFAMILY MITROMORPHINAE	
<i>S. nernia</i> (Hedley, 1903)	[QM]	<i>Mitromorpha</i> Bucquoy, Dautzenberg & Dollfus, 1883	
<i>Tomopleura</i> Casey, 1904		<i>M. atramentosa</i> (Reeve, 1849)	[QM]
<i>T. carota</i> Laseron, 1954	[QM]	SUBFAMILY TURRICULINAE	
<i>T. foliacea</i> Laseron, 1954	[QM]	<i>Vexitomina</i> Powell, 1942	
<i>T. thola</i> Laseron, 1954	[QM]	<i>V. coxi</i> (Angas, 1867)	[62]
FAMILY TEREBRIDAE		<i>V. metcalfei</i> (Angas, 1867)	[52 as <i>Inquisitor metcalfei</i>]
SUBFAMILY TEREBRINAE		SUPERFAMILY MURICOIDEA	
<i>Duplicaria</i> , Dall, 1908		FAMILY MURICIDAE	
<i>D. bernardii</i> (Deshayes, 1857)	[QM; 44]	SUBFAMILY MURICINAE	
<i>Terenolla</i> Iredale, 1929		<i>Aspella</i> Mörch, 1877	
<i>T. pygmaea</i> (Hinds, 1844)	[M]	<i>A. producta</i> (Pease, 1861)	[QM]
<i>Terebra</i> Bruguière, 1789		<i>Aspella</i> sp.	[32]
<i>T. amanda</i> Hinds, 1844	[QM]	<i>Clitcoreus</i> Montfort, 1810	
<i>T. areolata</i> (Link, 1807)	[QM; 32; 44]	<i>C. denudatus</i> (Perry, 1811)	[56]
<i>T. ballina</i> (Hedley, 1915)	[QM; 32; 44; 56]	<i>C. microphyllus</i> (Lamarck, 1816)	[32]
<i>T. dimidiata</i> (Linnaeus, 1758)	[QM; 44]	<i>C. ramosus</i> (Linnaeus, 1758)	[15; 32; 44; 56]
<i>T. laevigata</i> Gray, 1834	[QM]	<i>Pterynotus</i> Swainson, 1833	
<i>T. paucistriata</i> (E.A. Smith, 1873)	[QM]		
<i>T. subulata</i> (Linnaeus, 1767)	[QM; 32; 44]		
<i>T. triseriata</i> Gray, 1834	[QM; 44; 56]		

- P. (Pterochelus) Jousseau*, 1880
P. (P.) duffusi (Iredale, 1936) [62]
- SUBFAMILY CORALLIOPHILINAE
Coralliophila H. & A. Adams, 1853
C. bulbiformis (Conrad, 1833) [QM]
C. erosa (Röding, 1798) [QM]
C. radula (A. Adams, 1855) [QM]
C. squamosissima (E.A. Smith, 1876) [QM]
- Mipus* de Gregorio, 1885
M. nodosus (A. Adams, 1854) [QM]
- Quoyula* Iredale, 1912
Q. madreporarum (Sowerby, 1832) [QM]
- SUBFAMILY ERGALATAXINAE
Cronia H. & A. Adams, 1853
C. (Cronia) s.s.
C. (C.) aurantiaca (Hombron & Jaquinot, 1835) [QM; 32; 44]
C. (Ergalatax) Iredale, 1931
C. (E.) contracta (Reeve, 1846) [QM]
C. (E.) margariticola (Broderip, 1833) [QM]
- Lataxiens* Jousseau, 1883
L. (Lataxiens) s.s.
L. (L.) bloisvillei (Deshayes, 1832) [62]
L. (L.) fimbriata (Hinds, 1844) [QM; 44]
L. (Orania) Pallary, 1900
L. (O.) ficula (Reeve, 1848) [M]
- Maculotrion* Dall, 1904
M. seriale (Deshayes, 1830) [QM; 32]
- Muricodrupa* Iredale, 1918
M. fiscella (Gmelin, 1791) [QM]
- Pascula* Dall, 1908
P. ochrostoma (Blainville, 1832) [QM as *Drupella ochrostoma* or *Cronia ochrostoma*]
- SUBFAMILY HAUSTRIINAE
Lepsiella Iredale, 1912
L. (Bedeia) Iredale, 1924
L. (B.) hanleyi (Angas, 1867) [QM; 32; 44; 51; 54; 56; also as *B. hanleyi*]
- SUBFAMILY MURICOPSINAE
Favartia Jousseau, 1880
F. confusa (Brazier, 1877) [35; 62]
Homalocantha Mörch, 1852
H. anatomica (Perry, 1811) [QM]
Murexiella Clench & Perez Farfante, 1945
M. brazieri (Angas, 1877) [1; 35; 62]
Muricopsis Bucquoy, Dautzenberg & Dollfus, 1882
M. purpurcrispina Ponder, 1972 [62]
- SUBFAMILY RAPANINAE
Agnewia Tenison Woods, 1879
A. tritoniformis (Blainville, 1832) [54]
Dicathais Iredale, 1936
D. orbita (Gmelin, 1791) [QM; 32; 44; 54; 56]
- Drupa* Röding, 1798
D. (Drupa) s.s.
D. (D.) morum Röding, 1798 [QM; 32]
D. (D.) ricinus (Linnaeus, 1758) [QM; 44]
D. (Ricinella) Schumacher, 1817
D. (R.) rubusidaeus Röding, 1798 [QM]
- Drupella* Thiele, 1925
D. cornus (Röding, 1798) [QM; 17]
D. rugosa (Born, 1778) [QM; 17; 56]
- Drupina* Dall, 1923
D. grossularia (Röding, 1798) [QM]
- Mancinella* Link, 1807
M. alouina Röding, 1798 [QM; 56]
M. ambustulatus Hedley, 1912 [QM; 44; 62]
M. echinata (Blainville, 1832) [44]
- Morula* Schumacher, 1817
M. (Morula) s.s.
M. (M.) granulata (Duclos, 1832) [QM]
M. (M.) marginalis Blainville, 1832 [QM; 32; 56]
M. (M.) uva (Röding, 1798) [QM; 44]
M. (Spinidrupa) Habe & Kosuge, 1966
M. (S.) biconica (Blainville, 1832) [QM]
M. (S.) dumosa (Conrad, 1837) [QM]
M. (S.) spinosa (H. & A. Adams, 1853) [QM]
- Nassa* Röding, 1798
N. sarta (Bruguière, 1789) [QM]
- Phycothais* Tan, 2003
P. botanica (Hedley, 1918) [54]
- Vexilla* Swainson, 1840
V. vexillum (Gmelin, 1791) [QM]
- SUBFAMILY TYPHINAE
Typhis Montfort, 1810
T. philippensis Watson, 1883 [1]
- FAMILY COSTELLARIIDAE (see Note 19)
Vexillum Röding, 1798
V. (Vexillum) s.s.
V. (V.) plicarium (Linnaeus, 1758) [QM]
V. (V.) takakuwai Cernohorsky & Azuma, 1974 [62]
- V. (Costellaria) Swainson*, 1840
V. (C.) acromiale (Hedley 1915) [62]
V. (C.) amanda (Reeve, 1845) [QM]
V. (C.) collinsoni (A. Adams, 1864) [QM]
V. (C.) daedalum (Reeve, 1845) [QM]
V. (C.) exasperatum (Gmelin, 1791) [QM; 56]
V. (C.) festum (Reeve, 1845) [QM]
V. (C.) obeliscus (Reeve, 1844) [QM; 62]
V. (C.) pacificum (Reeve, 1845) [QM]
V. (C.) semifasciata (Lamarck, 1811) [QM]
V. (Pusia) Swainson, 1840
V. (P.) aureolineatum Turner, 1988 [QM]
V. (P.) cancellarioides (Anton, 1839) [62]
V. (P.) consanguineum (Reeve, 1845) [QM]
V. (P.) microzonias (Lamarck, 1811) [QM]
V. (P.) pardalis (Küster, 1841) [QM]
V. (P.) patriarchalis (Gmelin, 1791) [QM]

FAMILY CYSTISCIDAE

SUBFAMILY CYSTISCINAE Stimpson, 1965

- Cystiscus* Stimpson, 1865
C. angasi (Crosse, 1870) [QM]

FAMILY HARPIDAE

- Morum* Röding, 1798
M. (Herculea) H. & A. Adams 1858
M. (H.) ponderosum (Hanley, 1858) [44]

FAMILY MARGINELLIDAE

SUBFAMILY MARGINELLINAE

- Austroginella* Laseron, 1957
A. queenslandica Laseron, 1957 [QM; 29]
Balanetta Jousseaume, 1875
B. baylei (Jousseaume, 1875) [QM]
Mesoginella Laseron, 1957
M. strangei (Angas, 1877) [QM]

FAMILY MITRIDAE (see Note 20)

SUBFAMILY MITRINAE

- Mitra* Lamarck, 1798
M. (Mitra) s.s.
M. (M.) ambigua Swainson, 1829 [QM]
M. (M.) cooki Sowerby, 1874 [QM]
M. (M.) mitra (Linnaeus, 1758) [32; 44; 56]
M. (M.) solida Reeve, 1844 [QM]
M. (M.) stictica Link, 1807 [QM]
M. (M.) variabilis Reeve, 1844 [QM; 32; 56]
M. (Nebularia) Swainson, 1840
M. (N.) amaura Hervier, 1898 [QM]
M. (N.) aurantia (Gmelin, 1791) [QM]
M. (N.) coronata Lamarck, 1811 [QM; 44]
M. (N.) cucumerina Lamarck, 1811 [62]
M. (N.) luctuosa A. Adams, 1853 [QM; 44; 56; 62]
M. (N.) lugubris Swainson, 1822 [QM; 56]
M. (N.) procissa Reeve, 1844 [QM]
M. (Strigatella) Swainson, 1840
M. (S.) assimilis Pease, 1868 [QM]
M. (S.) litterata Lamarck, 1811 [QM]
M. (S.) retusa Lamarck, 1811 [QM]
M. (S.) scutulata (Gmelin, 1791) [QM]

SUBFAMILY CYLINDROMITRINAE

- Pterygia* Röding, 1798
P. crenulata (Gmelin, 1791) [QM; 32; 44]
P. nucce (Gmelin, 1791) [QM]

SUBFAMILY IMBRICARIINAE

- Imbricaria* Schumacher, 1817
I. conularis (Lamarck, 1811) [QM]
I. punctata (Swainson, 1821) [QM; 62]

- Scabricola* Swainson, 1840
S. eximia A. Adams, 1853 [62]

- Cancilla* Swainson, 1840
C. (Domipora) Cernohorsky, 1970
C. (D.) filiaris (Linnaeus, 1771) [QM]
C. (D.) granatina (Lamarck, 1811) [QM; 62]
C. (D.) praestantissima (Röding, 1798) [QM; 44; 62]

FAMILY TURBINELLIDAE

SUBFAMILY VASINAE

- Turdivasum* Rosenberg & Petit, 1987
T. armigera (A. Adams, 1855) [QM; 32; 62]
T. spinosa (H. & A. Adams, 1863) [62]

FAMILY VOLUTIDAE

SUBFAMILY AMORIINAE

- Amoria* Gray, 1855
A. (Amoria) s.s.
A. (A.) zebra (Leach, 1814) [QM; 32; 44]
A. (Cymbiolista) Iredale, 1929
A. (C.) hunteri (Iredale, 1931) [QM; 32; 44]

SUBFAMILY CYMBIINAE

- Cymbiola* Swainson, 1831
C. magnifica (Gebauer, 1802) [32]
Melo Broderip in Sowerby, 1826
M. (Melocorona) Pilsbry & Olsson, 1954
M. (M.) ampliora (Lightfoot, 1786) [QM; 32]

SUPERFAMILY OLIVOIDEA

FAMILY OLIVIDAE

SUBFAMILY OLIVINAE

- Oliva* Bruguière, 1789
O. (Oliva) s.s.
O. (O.) oliva (Linnaeus, 1758) [QM]
O. (Ammatoliva) Petuch & Sargent, 1986
O. (A.) amethystina (Röding, 1798) [QM; 32]

SUBFAMILY ANCILLARINAE

- Ancillista* Iredale, 1936
A. velesiana Iredale, 1936 [QM]

FAMILY OLIVELLIDAE

- Belloliva* Peile, 1922
B. leucozona (A. Adams & Angas, 1864) [62]

SUBCLASS HETEROBRANCHIA

[INFORMAL GROUP 'LOWER HETEROSTROPHA']

SUPERFAMILY ACTEONOIDEA

FAMILY ACTEONIDAE

- Japonacteon* Taki, 1956
J. suturalis (A. Adams, 1855) [12]
Pupa Röding, 1792
P. cf strigosa (Gould, 1859) [M; 12 as *P. fumata*, *P. cf nivea*]
P. sulcata (Gmelin, 1791) [12; 56]

FAMILY BULLINIDAE

- Bullina* Férussac, 1822
B. lineata (Gray, 1825) [10; 12; 44; 56]

FAMILY APLUSTRIDAE

- Hydatina* Schumacher, 1817
H. albocincta (Van der Hoeven, 1839) [10]
H. amplustre (Linnaeus, 1758) [10]

Gastropods of Moreton Bay

- H. physis* (Linnaeus, 1758) [QM; 10; 12; 13; 32; 44; 50; 56]
Micromelo Pilsbry, 1895
M. undata (Bruguière, 1792) [12; 13]
- SUPERFAMILY ARCHITECTONICOIDEA
- FAMILY ARCHITECTONICIDAE
- Architectonica*
A. grandiosa Iredale, 1931 [32; 56]
A. perspectiva (Linnaeus, 1758) [QM; 32; 56]
Philippia J.E. Gray, 1847
P. lutea (Lamarck, 1822) [56]
Psilaxis
P. oxytropis (A. Adams, 1855) [32]
P. radiatus (Röding, 1798) [QM]
- SUBFAMILY HELIACINAE
- Heliacus* Orbigny in Sagra, 1842
H. (Heliacus) s.s.
H. (H.) variegatus (Gmelin, 1791) [QM; 56]
H. (Grandeliacus) Iredale, 1957
H. (G.) stramineus (Gmelin, 1791) [56]
H. (Torinista) Iredale, 1936
H. (T.) hyperionis Bieler, 1993 [18 as *Heliacus*
(Torinista) delectabilis]
H. (T.) inplexus (Mighels, 1845) [32]
H. (T.) infundibuliformis Gmelin, 1791 [QM]
Pseudotorinia Sacco, 1892
P. laseronorum (Iredale, 1936) [32]
- SUPERFAMILY OMALOGYROIDEA
- FAMILY AMMONICERIDAE
- Ammonicera* Vayssière, 1893
Ammonicera sp. [32]
- SUPERFAMILY PYRAMIDELLOIDEA
(see Note 21)
- FAMILY PYRAMIDELLIDAE
- Cossmannica* Dall & Bartsch, 1904 *incertae sedis*
C. subcariua Laseron, 1959 [31]
- SUBFAMILY PYRAMIDELLINAE
- Pyramidella* Lamarck, 1799
P. (Pyramidella) s.s.
P. (P.) acus (Gmelin, 1791) [QM]
Longchaeus Mörch, 1875
L. obtusa (Laseron, 1959) [31 as *Wingenella*
obtusa]
- FAMILY ODOSTOMIIDAE
- SUBFAMILY CHRYSALLIDINAE
- Odostomia* Fleming, 1817
O. (Odostomia) s.s.
O. (O.) occultidens May, 1915 [QM]
O. (Linopyrga) Laws, 1941
O. (L.) delicatula Laseron, 1959 [31]
O. (L.) pascoei Angas, 1867 [QM]
- Parthenina* Bucquoy, Dautzenberg & Dollfus, 1883
P. fasciata (Laseron, 1959) [31 as *Elodiamea*
fasciata]
- SUBFAMILY CYCLOSTREMELLINAE
- Pseudoskenella* Ponder, 1973
P. depressa Ponder, 1973 [36]
Chrysallida Carpenter, 1857
C. (Pyrgulina) A. Adams, 1863
C. (P.) pupaeformis (Souverbie, 1865) [QM]
Miralda A. Adams, 1864
Miralda sp. [M]
Syrnola A. Adams, 1860
S. tincta Angas, 1871 *incertae sedis* [QM]
S. (Agathia) A. Adams, 1860
S. (A.) laevis (Angas, 1867) [QM]
S. (A.) simplex (Angas, 1871) [QM]
- FAMILY TURBONILLIDAE
- SUBFAMILY CINGULININAE
- Cingulina* A. Adams, 1860
C. austrina Laseron, 1959 [31]
C. imperita Laseron, 1959 [31]
C. spina (Crosse & Fischer, 1864) [QM]
- SUBFAMILY EULIMELLINAE
- Kolonella* Laseron, 1959
K. capricornia Laseron, 1959 [31]
K. moniliformis (Hedley & Musson, 1894) [QM]
Turbonilla Risso, 1826
T. (Turbonilla) s.s.
T. (T.) mariae Angas, 1877 [QM]
T. (Chemnitzia) Orbigny, 1839
T. (C.) fusca (A. Adams, 1855) [QM]
- FAMILY AMATHINIDAE
- Amathina* J.E. Gray, 1842
A. tricarinata (Linnaeus, 1767) [QM; M]
- SUPERFAMILY RINGICULOIDEA
- FAMILY RINGICULIDAE
- Ringicula* Deshayes, 1838
R. doliaris Gould, 1860 [QM; 12 as
Ringicula sp. 3]
Ringicula sp. 1 [12]
- SUPERFAMILY RISSOELLOIDEA
- FAMILY RISSOELLIDAE
- Rissoella* Gray, 1847
R. (Jeffreysiella) Thiele, 1912
R. (Jeffreysiella) colleenae pacifica Ponder & Yoo,
1977 [41]
- [INFORMAL GROUP OPISTHOBRANCHIA]
(see Note 22)
- CLADE CEPHALASPIDEA
- SUPERFAMILY BULLOIDEA

FAMILY BULLIDAE

- Bulla* Linnaeus, 1758
B. ampulla Linnaeus, 1758 [QM]
B. angasi (Pilsbry, 1893) [13]
B. punctulata A. Adams, 1850 [13]
B. vernicosa Gould, 1859 [QM; 13; 32; 56; 57]

SUPERFAMILY HAMINOEOIDEA

FAMILY HAMINOEIDAE

- Haminoea* Turton & Kingston in Carrington, 1830
H. wallisi Gray, 1825 [12, 16 (as *H. fusca*); 32; 56]
Atys Montfort, 1810
Atys sp. 1 [12]
Atys sp. 2 [12]
Nipponatys Kuroda & Habe, 1952
N. tumida Burn, 1978 [4]

SUPERFAMILY PHILINOIDEA

FAMILY PHILINIDAE

- Philine* Ascanius, 1772
P. angasi (Crosse & Fischer, 1865) [32; 52; 53]
P. cf. elegans Bergh, 1905 [12]
P. trapezia Hedley, 1902 [12]
Melanochlamys Cheesman, 1881
Melanochlamys sp. 1 [12]

FAMILY AGLAJIDAE

- Chelidonura* A. Adams, 1850
C. varians Eliot, 1903 [50]
C. fulvipunctata Baba, 1938 [12]
C. inornata Baba, 1949 [12]

- Philinopsis* Pease, 1860
P. lineolata (H & A Adams, 1854) [12]

FAMILY CYLICHNIDAE

- Cylidna* Lovén, 1846
Cylidna sp. [M]
Adamnestia Iredale, 1936
A. thetidis Hedley, 1903 [52; 53]
Austrocylidna Burn, 1974
A. leucampyx Burn, 1978 [4]
Retusa Brown, 1827
Retusa sp. 1 [12]
Retusa sp. 2 [12]
Rhizorus Montfort, 1810
Rhizorus sp. [M]
Tornatina A. Adams, 1850
Tornatina sp. 3 [M; 12]

FAMILY GASTROPTERIDAE

- Sagaminopteron* Tokioka & Baba, 1964
S. ornata Tokioka & Baba, 1964 [56]

CLADE THECOSOMATA
[PTEROPODA](see Note 23)

SUPERFAMILY CAVOLINIOIDEA

FAMILY CAVOLINIIDAE

- Cavolinia* Abildgaard, 1791
C. globulosa Gray, 1850 [QM]
C. inflexa (Lesueur, 1813) [QM]
C. tridentata (Forsk I in Niebuhr, 1775) [QM]
Clio Linnaeus, 1767
C. pyramidata Linnaeus, 1767 [QM]
Creseis Rang, 1828
C. acicula (Rang, 1828) [QM]
C. virgula (Rang, 1828) [QM]
Diacria J.E. Gray, 1842
D. trispinosa (Blainville, 1821) [QM]

CLADE APLYSIOMORPHA

SUPERFAMILY APLYSIOIDEA

FAMILY APLYSIIDAE

SUBFAMILY APLYSIINAE

- Aplysia* Linnaeus, 1767
A. dactylorella Rang, 1828 [QM; 12; 13; 16; 32; 56]
A. extraordinaria (Allan, 1932) [3]
A. c.f. kurodai (Baba, 1937) [12]
A. parvula Guilding in Mörch, 1863 [12]
A. sowerbyi Pilsbry, 1895 [12; 32; 56]

SUBFAMILY DOLABELLINAE

- Dolabella* Lamarck, 1801
D. auricularia (Lightfoot, 1736) [QM also as *D. scapula*; 44]

SUBFAMILY DOLABRIFERINAE

- Dolabrifera* Gray, 1847
D. brazieri Sowerby, 1870 [12]
D. dolabrifera (Cuvier, 1817) [12]

SUBFAMILY BURSATELLINAE

- Bursatella* Blainville, 1817
B. leachii Blainville, 1817 [QM; 5; 16; 32; 50]

SUBFAMILY NOTARCHINAE

- Stylocheilus* Gould, 1852
S. striatus (Quoy & Gaimard, 1832) [5]

CLADE SACOGLOSSA

SUBCLADE OXYNOACEA

SUPERFAMILY OXYNOOIDEA

FAMILY JULIIDAE

- Julia* Gould, 1862
J. exquisita (Gould, 1862) [12; 13]

FAMILY VOLVATELLIDAE

- Volvatella* Pease, 1860
V. cf. pyriformis Pease, 1860 [M; QM]

SUBCLADE PLAKOBRANCHAEA

- SUPERFAMILY PLAKOBRANCHOIDEA
- FAMILY PLAKOBRANCHIDAE
- Elysia* Risso, 1818
- E. australis* (Quoy & Gaimard, 1832) [12; 13]
- E. bangtawacensis* Swennen, 1997 [16]
- E. coodgicensis* (Angas, 1864) [12; 56 as *E. australis*]
- E. cf. furvacauda* Burn, 1958 [12]
- E. ornata* (Swainson, 1840) [50]
- E. cf. tomentosa* Jensen, 1997 [50]
- E. verrucosa* Jensen, 1985 [12]
- Thuridilla* Bergh, 1872
- T. gracilis* (Risbec, 1928) [12]
- T. neona* Gosliner, 1995 [12; 13]
- T. vatae* (Risbec, 1928) [16]
- SUPERFAMILY LIMAPONTIOIDEA
- FAMILY LIMAPONTIIDAE
- Ercolania* Trinchese, 1872
- Ercolania* sp. 1 [12]
- FAMILY CALIPHYLLIDAE
- Cyerce* Bergh, 1871
- C. nigra* Bergh, 1871 [12]
- C. nigricans* Pease, 1866 [12; 50]
- Polybranchia* Pease, 1860
- P. orientalis* (Kelaart, 1858) [13]
- FAMILY HERMAEIDAE
- Hermaca* Loven, 1844 (see Note 24)
- Hermaca* sp. 2 [12]
- Hermaca* sp. 3 [12]
- CLADE UMBRACULIDA (see Note 25)
- SUPERFAMILY UMBRACULOIDEA
- FAMILY UMBRACULIDAE
- Umbraculum* Schumacher, 1817
- U. umbraculum* (Lightfoot, 1786) [QM; 20; 32; 50]
- FAMILY TYLODINIDAE
- Tylodina* Rafinesque, 1819
- T. corticalis* (Tate, 1889) [14]
- CLADE NUDIPLEURA
- SUBCLADE PLEUROBRANCHOMORPHA
- SUPERFAMILY PLEUROBRANCHOIDEA
- FAMILY PLEUROBRANCHIDAE
- SUBFAMILY PLEUROBRANCHINAE
- Berthella* Blainville, 1825
- B. martensi* (Pilsbry, 1896) [50]
- Berthellina* Gardiner, 1936
- B. citrina* (Rüppell & Leuckart, 1828) [QM; 12; 20; 56]
- Pleurobranchus* Cuvier, 1804
- P. albiguttatus* (Bergh, 1905) [12]
- P. grandis* Pease, 1868 [50]
- P. peroni* Cuvier, 1804 [QM; 12; 14; 16; 20; 56]
- SUBFAMILY PLEUROBRANCHAEINAE
- Pleurobranchaea* Leue, 1813
- P. maculata* (Quoy & Gaimard, 1832) [3]
- CLADE EUCTENIDIACEA (see Note 26)
- SUBCLADE DORIDACEA
- SUPERFAMILY DORIDOIDEA
- FAMILY DORIDIDAE
- Doris* Linnaeus, 1758
- Doris* sp. [13]
- Hoplodoris* Bergh, 1880
- H. nodulosa* (Angas, 1864) [QM; 13; 60]
- Siraius* Marcus, 1955
- S. immonda* (Risbec, 1928) [50]
- FAMILY ACTINOCYCLIDAE
- Actinocyclus* Ehrenberg, 1831
- A. japonicus* (Eliot, 1913) [27]
- FAMILY CHROMODORIDIDAE
- Chromodoris* Alder & Hancock, 1855
- C. albopunctata* (Garratt, 1879) [12; 13]
- C. aspersa* Gould, 1852 [12; 14; 16]
- C. aureopurpurea* Collingwood, 1881 [12; 13; 14; 16; 50; 56]
- C. burni* Rudman, 1982 [12; 13; 50]
- C. collingwoodi* Rudman, 1987 [16; 50; 59]
- C. daphne* (Angas, 1864) [14; 16; 47; 56]
- C. decora* (Pease, 1860) [12; 13]
- C. elisabethina* Bergh, 1877 [QM; 12; 13; 14; 16; 50; 60]
- C. kuiteri* Rudman, 1982 [QM; 12; 13; 32; 56]
- C. leopardus* Rudman, 1987 [49; 50]
- C. lochi* Rudman, 1982 [12]
- C. splendida* (Angas, 1864) [QM; 12; 13; 14; 32; 50; 56]
- C. strigata* Rudman, 1982 [12; 13; 14; 16; 50]
- C. tinctoria* (Ruppell & Leuckart, 1828) [12; 50; 60]
- Ceratosoma* J.E. GRAY 1850
- C. amoenum* (Cheeseman, 1886) [50; 60 as *Chromodoris amoena*]
- C. flavicostatum* (Baba, 1940) [16]
- C. magnificum* (Eliot, 1910) [14]
- C. moloch* Rudman, 1988 [16; 50]
- C. tenue* Abraham, 1876 [QM; 12; 13; 14; 32; 50]
- C. trilobatum* (J.E. Gray, 1827) [12; 13; 50; 56]
- Diversidoris* Rudman, 1987
- D. aurantonodulosa* Rudman, 1987 [49]
- Glossodoris* Ehrenberg, 1831
- G. atromarginata* (Cuvier, 1804) [QM; 12; 13; 21; 27; 32; 50; 56; also as *Casella atromarginata*]
- G. cincta* (Bergh, 1888) [12; 13; 50]
- G. electra* Rudman, 1990 [12]

- G. rubroannulata* Rudman, 1986 [12; 13; 59]
G. rufomarginata Rudman, 1986 [12; 14]
Hypselodoris Stimpson, 1855
H. bennetti (Angas, 1864) [13; 27 as *Glossodoris bennetti*; 60]
H. bullocki (Collingwood, 1881) [12; 13; 50]
H. emmae Rudman, 1977 [12; 13]
H. ? infucata (Rüppell & Leuckart, 1828) [50]
H. jacksoni Wilson & Willan, 2007 [50; 63]
H. kaname Baba, 1994 [50]
H. maculosa Risbec, 1928 [56; 59]
H. maritima (Baba, 1949) [13]
H. obscura (Stimpson, 1855) [QM; 12; 13; 14; 32; 56]
H. whitei (A. Adams & Reeve, 1850) [12]
H. zephyra Gosliner & Johnson, 1999 [50]
Mexichromis Bertsch, 1977
M. festiva (Angas, 1864) [12; 13; 50; 56; 59]
M. macropus Rudman, 1983 [32; 56; 59]
Mianira Bergh, 1874
M. flavicostata Baba, 1949 [27]
Noumea Risbec, 1928
N. alboannulata Rudman, 1988 [12; 13; 59]
N. crocea Rudman, 1985 [16; 48; 50]
N. flava (Eliot, 1904) [12]
Pectenodoris Rudman, 1984
P. trilineata (A. Adams & Reeve, 1850) [50]
Risbecia Odhner, 1934
R. godeffroyana Bergh, 1877 [12]
R. tryoni (Garrett, 1873) [50; 59]
Thorunna Bergh, 1878
T. australis (Risbec, 1928) [13]
T. daniellae (Kay & Young, 1969) [12]
T. ? florens (Baba, 1949) [50]
T. montrouzieri Rudman, 1995 [12]
- FAMILY DISCODORIDIDAE
- Discodoris* Bergh, 1877
D. fragilis (Alder & Hancock, 1864) [13; 56; 59]
D. lilacina (Gould, 1852) [16]
D. palma Allan, 1933 [12; 13; 56; 60]
Atagema Gray, 1850
A. ornata (Ehrenbergh, 1831) [60 as *Trippa iutecta*]
A. spongiosa (Kelaart, 1858) [56]
Halgerda Bergh, 1880
H. aurantiomaculata (Allan, 1932) [12; 13]
H. willeyi Eliot, 1903 [56]
Jorunna Bergh, 1876
J. funebris (Kelaart, 1858) [56]
J. pantherina (Angas, 1864) [60]
Jorunna sp. 3 [12]
Platydoris Bergh, 1877
P. formosa (Alder & Hancock, 1864) [13]
Rostanga Bergh, 1879
R. bifurcata Rudman & Avern, 1989 [13]
- Sclerodoris* Eliot, 1904
S. tarka Burn, 1969 [12; 13]
Thordisa Bergh, 1877
T. verrucosa (Angas, 1864) [12; 13]
- SUPERFAMILY PHYLLIDIOIDEA
FAMILY PHYLLIDIIDAE
- Phyllidia* Cuvier, 1797
P. elegans Bergh, 1869 [2]
P. ocellata Cuvier, 1804 [2; 12; 14; 16; 56]
P. picta Provot-Fol, 1957 [16]
P. varicosa Lamarck, 1801 [QM; 2; 14; 32; 56]
Fryeria J.E. Gray, 1853
F. marindica (Yonow & Hayward, 1991) [59]
Phyllidiella Bergh, 1869
P. lizae Brunckhorst, 1993 [2]
P. pustulosa (Cuvier, 1804) [2; 12; 13; 21 (as *Phyllidea nobilis*), 56]
Phyllidiopsis Bergh, 1875
P. fissurata Brunckhorst, 1993 [QM; 2; 12; 13; 14; 16; 32]
- FAMILY DENDRODORIDIDAE
- Dendrodoris* Ehrenberg, 1831
D. albobrunnea Allan, 1933 [56; 60]
D. denisoni (Angas, 1864) [QM; 12; 50]
D. fumata (Rüppell & Leuckart, 1831) [12; 13; 56]
D. nigra (Stimpson, 1855) [12; 19; 27; 32; 56]
D. rainfordi Allan, 1932 [50]
- SUPERFAMILY ONCHIDORIDOIDEA
FAMILY GONIODORIDIDAE
- Okenia* Leuckart & Bronn in Menke, 1830
O. brunneomaculata Gosliner, 2004 [12]
O. pellucida Burn, 1967 [14, 16]
O. plana Baba, 1960 [13]
- SUPERFAMILY POLYCEROIDEA
FAMILY POLYCERIDAE
- SUBFAMILY POLYCERINAE
Polycera Cuvier, 1817
P. melanosticta Miller, 1996 [12]
SUBFAMILY KALINGINAE
Kalinga Alder & Hancock, 1864
K. ornata Alder & Hancock, 1864 [16; 27; 50]
SUBFAMILY NEMBROTHINAE
Nembrotha Bergh, 1877
N. livingstonei Allan, 1933 [12]
Tambja Burn, 1962
T. morosa (Bergh, 1877) [50]
T. tenuilineata Miller & Haagh, 205 [12; 13]
T. cf verconis (Basedow & Hedley, 1905) [50]
SUBFAMILY TRIOPHINAE
Kaloplocamus Bergh, 1893
K. acutus Baba, 1949 [12]

Plocamopherus Leucart, 1828

P. ceylonicus (Kelaart, 1858) [12; 13]

P. imperialis (Angas, 1864) [13]

FAMILY AEGIRETIDAE

Aegires Lovén, 1844

A. flores Fahey & Gosliner, 2004 [50]

A. gardineri (Eliot, 1906) [12; 13]

FAMILY GYMNODORIDAE

Gymnodoris Stimpson, 1855

G. aurita (Gould, 1852) [14, 16; 50]

G. cf nigricolor Baba, 1960 [12]

FAMILY HEXABRANCHIDAE

Hexabrancheus Ehrenberg, 1831

H. sanguineus (Rüppell & Leuckart, 1828) [QM; 12; 13; 21; 32]

FAMILY OKADAIIDAE

Vayssièrea Risbec, 1928

V. caledonica (Risbec, 1928) [12; 13]

CLADE CLADOBRANCHIA

UNASSIGNED FAMILIES

FAMILY MADRELLIDAE

Madrella Alder & Hancock, 1864

M. ferruginosa Alder & Hancock, 1864 [12]

FAMILY PROTONOTIDAE

Janolus Bergh, 1884

Janolus sp. 1 [50]

SUBCLADE EUARMINIDA

SUPERFAMILY ARMINOIDEA

FAMILY ARMINIDAE

Armina Raphinesque, 1814

A. cygnea (Bergh, 1876) [56]

Dermatobranchius Hasselt, 1924

Dermatobranchius sp. 2 [12]

SUBCLADE DENDRONOTIDA

SUPERFAMILY TRITONIOIDEA

FAMILY TRITONIIDAE

Marianina Pruvot-Fol., 1931

M. rosea (Pruvot-Fol, 1930) [12]

Mariouia Vayssièr, 1877

M. cyanobranchiata (Rüppell & Leuckart, 1831) [13]

M. cf distincta Bergh, 1905 [12; 13]

M. pustulosa Odhner, 1936 [12; 13]

FAMILY BORNELLIDAE

Bornella A. Adams & Reeve, 1848

B. anquilla Johnson, 1984 [12; 13; 32; 50]

B. stellifer (A. Adams & Reeve, 1848) [12; 13; 14; 50]

FAMILY HANCOCKIIDAE

Hancockia Gosse, 1877

H. burnii Thompson, 1972 [12]

FAMILY LOMANOTOIDAE

Lomanotus Verany, 1844

L. vermiformis Eliot, 1908 [12; 13; 16; 21; 56]

FAMILY PHYLLIROIDAE

Tritonopsis Eliot, 1905

T. alba (Baba, 1949) [27 as

Tritoniopsis alba; 53; 56]

FAMILY SCYLLAEIDAE

Notobryon Odhner, 1936

N. bijeunum Baba, 1949 [27]

FAMILY TETHYDIDAE

Melibe Rang, 1829

M. japonica Eliot, 1910 [QM also as *M. mirifica*; 12] (see Note 27)

SUBCLADE AEOLIDIDA

SUPERFAMILY AEOLIDOIDEA

FAMILY AEOLIDIIDAE

Anteaeolidiella Miller, 2001

A. indica (Bergh, 1888) [12]

Bacolidia Bergh, 1888

B. major (Eliot, 1903) [12]

Cerberilla Bergh, 1873

C. affinis Bergh, 1888 [50]

C. asamusiensis Baba, 1940 [12]

Spurilla Bergh, 1864

S. alba (Risbec, 1928) [3 as *Aeolidiella alba*; 60]

S. major (Eliot, 1903) [50]

S. neapolitana (Delle Chiaje, 1823) [12]

FAMILY FACELINIDAE

SUBFAMILY FACELININAE

Mordilla Bergh, 1888

M. brockii Bergh, 1888 [12]

SUBFAMILY CRATENINAE

Cratena Bergh, 1864

C. lineata (Eliot, 1904) [12; 60]

C. simba Edmunds, 1970 [13]

SUBFAMILY FAVORININAE

Favorinus M.E. Gray, 1850

F. tsuruganus Baba & Abe, 1964 [13; 58; 60]

Austraeolis Burn, 1962

A. ornata (Angas, 1864) [3; 12; 13; 56; 60]

Godiva Macnae, 1954

G. quadriolor (Barnard, 1927) [12; 13; 16]

G. ? rachelae Rudman, 1980 [50]

Phyllodesmium Ehrenberg, 1831

P. crypticum Rudman, 1981 [13; 50]

P. longicirrum (Bergh, 1905) [14]

P. poudimiei (Angas, 1864) [12; 13]

SUBFAMILY HERVIELLINAE

Hervella Baba, 1949

H. albida Baba, 1966 [13]
H. claror Burn, 1963 [13]

SUBFAMILY PTERAEOLIDINAE

Pteraeolidia Bergh, 1875
P. ianthina (Angas, 1864) [13; 50; 56]

FAMILY GLAUCIDAE

Glaucus Forster, 1777
Glaucus atlanticus Forster, 1777 [32; 50]
G. marginatus (Bergh, 1860) [QM; 32]

SUPERFAMILY FIONOIDEA

FAMILY FIONIDAE

Fiona Alder & Hancock, 1855
F. pinnata (Eschscholtz, 1831) [QM]

FAMILY EUBRANCHIDAE

Eubranchius Forbs, 1838
E. ? echiizenicus Baba, 1975 [50]
Eubranchius sp. [12]

FAMILY TERGIPEDIDAE

SUBFAMILY CUTHONINAE

Phestilla Bergh, 1874
P. melanobranchia Bergh, 1874 [12]
Trinchesia Ihering, 1879 (see Note 28)
T. sibogae (Bergh, 1905) [12; 56]
T. yamasui (Hamatani, 1993) [12; 13]

SUPERFAMILY FLABELLINOIDEA

FAMILY FLABELLINIDAE

Flabellina Voigt, 1834
F. bicolor (Kelaart, 1858) [12; 13; 59]
F. bilas Gosliner & Willan, 1991 [12; 13]
F. ornata (Risbec, 1928) [27; 60]
F. rubrolineata (O'Donoghue, 1929) [14; 16; 32; 50; 56]

[INFORMAL GROUP PULMONATA]

[INFORMAL SUBGROUP BASOMMATOPHORA]

SUPERFAMILY AMPHIBOLOIDEA (see Note 29)

FAMILY AMPHIBOLIDAE

Salinator Hedley, 1900
S. fragilis (Lamarck, 1822) [QM; 34]

FAMILY PHALLOMEDUSIDAE

Phallomedusa Golding, Ponder & Byrne, 2007
P. solida (von Martens, 1878) [QM; 34; 56 all as *Salinator solida*]

SUPERFAMILY SIPHONARIOIDEA

FAMILY SIPHONARIIDAE

Siphonaria Sowerby, 1824
S. denticulata Quoy & Gaimard, 1833 [QM; 56]
S. funiculata Reeve, 1856 [QM; 25]
S. zelandica Quoy & Gaimard, 1833 [26]

CLADE EUPULMONATA
SUPERFAMILY ELLOBIOIDEA

FAMILY ELLOBIIDAE

Cassidula Gray, 1847
C. nucleus (Gmelin, 1791) [34]
C. zonata H. & A. Adams, 1854 [34]
Lacmodonta Philippi, 1846
L. typica (H. & A. Adams, 1854) [QM]
Marinula King & Broderip, 1831
M. xanthostoma H. & A. Adams, 1855 [QM]
Pleuroloba Hyman, Rouse & Ponder, 2005 (see Note 30)
P. quoyi (H. & A. Adams, 1855) [QM; 32; 34; 56; all as *Ophicardelus quoyi*]
Ophicardelus Beck, 1837
O. ornatus (Férussac, 1821) [QM; 32; 34]
O. sulcatus (H. & A. Adams, 1855) [QM; 32; 34]

CLADE SYSTELLOMMATOPHORA

SUPERFAMILY ONCHIDOIDEA (see Note 31)

FAMILY ONCHIDIIDAE

Onchidella Gray, 1850
O. patelloides Quoy & Gaimard, 1832 [QM]
Onchidina Semper, 1885
O. australis (Gray, 1882) [QM; 56]
Onchidium Buchanan, 1800
O. damclii [QM; 32]
Pcronia Fleming, 1822
P. verruculata (Cuvier, 1830) [QM; 15; 56]
Uncertain
Onchidiidae sp. [QM] (see Note 32)

SOURCES OF LOCALITY RECORDS

(other than Queensland Museum (QM) or Moreton Bay Survey Workshop 2005 (M))

1. Beechey, D. 2010. *The Seashells of New South Wales* (Website) www.seashellsofnewsw.org.au (consulted 1 May, 2010)
2. Brunckhorst, D.J. 1993. The systematics and phylogeny of phyllidiid nudibranchs (Doridoidea). *Records of the Australian Museum Supplement* No. 16, Pp. 107.
3. Burn, R. 1966. Some opisthobranchs from southern Queensland. *Journal of the Malacological Society of Australia* 1: 96–109.
4. Burn, R. 1978. A review of Australian species of *Austrocylichna*, *Nipponatys*, *Cylichnatys* and *Diniatys* (Mollusca: Gastropoda: Haminoeidae). *Journal of the Malacological Society of Australia* 4: 93–112.
5. Capper, A., Tibbetts, I.R., O'Neil, J.M. & Shaw, G.R. 2005. The fate of *Lyngbya majuscula* toxins in three potential consumers. *Journal of Chemical Ecology* 31: 1595–1606.
6. Carless, T. 1995. Cypracidae of South East Queensland. *The Queensland Radula* 12 (3): 3–5.

7. Carless, T. 2004b. The genus *Pseudoliotia* in Moreton Bay. *The Queensland Radula* 19 (3): 8–9.
8. Carless, T. 2004c. An unusual vitrinellid from Moreton Bay. *The Queensland Radula* 19 (3): 9–10.
9. Carless, T. 2005a. The family Ovulidae in South East Queensland. *The Queensland Radula* 20 (2): 10–13.
10. Carless, T. 2005b. The family Hydatinidae in South East Queensland. *The Queensland Radula* 20 (3): 8–9.
11. Carless, T. 2006. The family Triphoridae in South East Queensland. *The Queensland Radula* 21 (4): 6–8.
12. Cobb, G. & Mullins, D. 2010. *Nudibranchs of the Sunshine Coast*. (Website) www.nudibranch.com.au (Consulted 1 May, 2010).
13. Cobb, G. & Willan, R.C. 2006. *Undersea Jewels: a Colour Guide to Nudibranchs*. (Australian Bureau of Flora and Fauna: Canberra) 310 pp.
14. Coleman, N. 2001. *1001 Nudibranchs. Catalogue of Indo-Pacific Sea Slugs*. (Neville Coleman Underwater Geographic: Brisbane). 144 pp.
15. Coleman, N. 2003. *2002 Seashells. Catalogue of Indo-Pacific Mollusca*. (Neville Coleman Underwater Geographic: Brisbane). 144 pp.
16. Coleman, N. 2008. *Nudibranchs Encyclopedia. Catalogue of Asia/Indo-Pacific Sea Slugs*. (Neville Coleman Underwater Geographic: Brisbane). 416 pp.
17. Fellegara, I. 1998. The coral-eating *Drupella* (Mollusca: Gastropoda) from Moreton Bay (South-east Queensland). Pp. 537–540. In, Tibbetts, I.R., Hall, N.J. & Dennison, W.C. (Eds), *Moreton Bay and Catchment*. (School of Marine Science, The University of Queensland: Brisbane).
18. Garrard, T.A. 1978. A revision of Australian Architectonicidae (Gastropoda: Mollusca). *Records of the Australian Museum* 31: 506–584.
19. Hailstone, T.S. 1976. Delimitation of subtidal macrobenthic associations at the mouth of the Brisbane River. *Australian Journal of Marine and Freshwater Research* 27: 217–238.
20. Healy, J.M. & Willan, R.C. 1984. Ultrastructure and phylogenetic significance of notaspidean spermatozoa (Mollusca, Gastropoda, Opisthobranchia). *Zoologica Scripta* 13: 107–120.
21. Healy, J.M. & Willan, R.C. 1991. Nudibranch spermatozoa: comparative ultrastructure and systematic importance. *The Veliger* 34: 134–165.
22. Hedley, C. 1922. A revision of the Australian Turridae. *Records of the Australian Museum* 13: 213–359.
23. Houbbrick, R.S. 1985. Genus *Chycomorvus* Jousseaume (Cerithiidae: Prosobranchia). *Smithsonian Contributions to Zoology* 403: 131 pp.
24. Houbbrick, R.S. 1992. Monograph of the genus *Cerithium* Bruguière in the Indo-Pacific (Cerithiidae: Prosobranchia). *Smithsonian Contributions to Zoology* 510: 211 pp.
25. Jenkins, B.W. 1981. *Siphonaria funiculata* Reeve (Siphonariidae, Pulmonata): a redescription making *S. virgula* Hedley a geographical variant of *S. funiculata*. *Journal of the Malacological Society of Australia* 5: 1–15.
26. Jenkins, B.W. 1983. Redescriptions and relationship of *Siphonaria zelandica* Quoy and Gaimard to *S. australis* Quoy and Gaimard with a description of *S. propria* sp. nov. (Mollusca: Pulmonata: Siphonariidae). *Journal of the Malacological Society of Australia* 6: 1–35.
27. Kenny, R. 1960. Faunistic records from Queensland. Part VI. Some opisthobranch molluscs from Queensland. *University of Queensland Papers (Department of Zoology)* 1: 223–228.
28. Laceron, C. 1956. The family Cerithiopsidae (Mollusca) from the Solanderian and Damperian zoogeographical provinces. *Australian Journal of Marine and Freshwater Research* 7: 151–182.
29. Laceron, C. 1957. A new classification of the Australian Marginellidae (Mollusca), with a review of species from the Solanderian and Damperian zoogeographical provinces. *Australian Journal of Marine and Freshwater Research* 8: 274–311.
30. Laceron, C. 1958. The family Triphoridae from northern Australia; also Triphoridae from Christmas Island (Indian Ocean). *Australian Journal of Marine and Freshwater Research* 9: 569–658.
31. Laceron, C. 1959. The family Pyramidellidae (Mollusca) from northern Australia. *Australian Journal of Marine and Freshwater Research* 10: 177–267.
32. Malacological Society of Australasia (Queensland Branch): unpublished collecting record of members.
33. McCaw, O. 1990. Cowries of Moreton Bay. Parts 1 and 2. *The Moreton Bay Radula* 7(2): 1–2; 7(3): 1–2.
34. Morgan, G.J. & Hailstone, T.S. 1986. Distribution of gastropods in a mangrove habitat in South-East Queensland. *Journal of the Malacological Society of Australia* 7: 131–140.
35. Ponder, W.F. 1972. Notes on some Australian genera and species of the family Muricidae (Neogastropoda). *Journal of the Malacological Society of Australia* 2: 215–248.
36. Ponder, W.F. 1973. *Pseudoskenella depressa* gen. et sp. nov., an ectoparasite on *Galeolaria*. *Malacological Review* 6: 119–123.
37. Ponder, W.F. 1983. A revision of the genus *Botelloides* (Mollusca: Gastropoda: Trochoidea). *Special Publication of the South Australian Department of Mines and Energy* 5: 301–327.
38. Ponder, W.F. 1999. *Calopia* (Calopiidae), a new genus and family of estuarine gastropods (Caenogastropoda: Rissooidea) from Australia. *Molluscan Research* 20: 17–60.
39. Ponder, W.F. & de Keyser, R. 1992. A revision of the genus *Diala* (Gastropoda: Cerithiacea: Dialiidae). *Invertebrate Taxonomy* 6: 1019–1075.

40. Ponder, W.F. & Yoo, E.K. 1976. A revision of the Australian and tropical Indo-Pacific Tertiary and Recent species of *Pisiuma* (= *Estea*) (Mollusca: Gastropoda: Rissoiidae). *Records of the Australian Museum* 30: 150–247.
41. Ponder, W.F. & Yoo, E.K. 1977. Revision of the Australian species of Rissoellidae. *Records of the Australian Museum* 31: 133–185.
42. Ponder, W.F. & Yoo, E.K. 1978. A revision of the Eatoniellidae of Australia (Mollusca, Gastropoda, Littorinacea). *Records of the Australian Museum* 31: 606–658.
43. Ponder, W.F. & Yoo, E.K. 1980. A review of the genera of the Cingulopsidae with a revision of the Australian and tropical Indo-Pacific species (Mollusca: Gastropoda: Prosobranchia). *Records of the Australian Museum* 33: 1–88.
44. Queensland Radula/Moreton Bay Radula (Newsletter of the Queensland Branch of the Malacological Society of Australasia) 1981–2009 (March).
45. Reid, D.G. 1986. The littorinid molluscs of mangrove forests in the Indo-Pacific region. The genus *Littoraria*. (British Museum (Natural History): London).
46. Reid, D.G. 2007. The genus *Echinolittorina* Habe, 1956 (Gastropoda: Littorinidae) in the Indo-West Pacific Ocean. *Zootaxa* 1420: 1–161.
47. Rudman, W.B. 1983. The Chromodorididae (Opisthobranchia: Mollusca) of the Indo-West Pacific: *Chromodoris splendida*, *C. aspersa* and *Hypselodoris placida* colour groups. *Zoological Journal of the Linnean Society* 78: 105–173.
48. Rudman, W.B. 1986. The Chromodorididae (Opisthobranchia: Mollusca) of the Indo-West Pacific: *Noumea flava* colour group. *Zoological Journal of the Linnean Society* 88: 377–404.
49. Rudman, W.B. 1987. The Chromodorididae (Opisthobranchia: Mollusca) of the Indo-West Pacific: *Chromodoris epicuria*, *C. aureopurpurea*, *C. annulata*, *C. coi* and *Risbecia tryoni* colour groups. *Zoological Journal of the Linnean Society* 90: 305–407.
50. Rudman, W.B. 2010. *Sea Slug Forum* (Website): www.seaslugforum.net. (consulted 1 May, 2010).
51. Stephenson, W., Raphael, Y.I. & Cook, S.D. 1976. The macrobenthos of Bramble Bay, Moreton Bay, Queensland. *Memoirs of the Queensland Museum* 17: 425–447.
52. Stephenson, W., Williams, W.T. & Cook, S.D. 1974. The benthic fauna of soft bottoms, southern Moreton Bay. *Memoirs of the Queensland Museum* 17: 73–123.
53. Stephenson, W., Williams, W.T. & Lance, G.N. 1970. The macrobenthos of Moreton Bay. *Ecological Monographs* 40: 459–494.
54. Tan, K.S. 2003. Phylogenetic analysis and taxonomy of some southern Australian and New Zealand Muricidae (Mollusca: Neogastropoda). *Journal of Natural History* 37: 911–1028.
55. Wells, F.E. 1994. A revision of the Recent Australian species of the turrid genera *Inquisitor* and *Ptychobela*. *Molluscan Research* 15: 71–102.
56. *Wild Guide to Moreton Bay* 1998. [D.G. Potter, gastropods. R.C. Willan—opisthobranchs] see Davie (1998).
57. Willan, R.C. 1978. The nomenclature of three Pacific *Bulla* species. *Journal of the Malacological Society of Australia* 4: 57–68.
58. Willan, R.C. 1983. Description of the aeolid nudibranch *Favorinus tsuruganus* Baba and Abe, 1964 from eastern Australia. *Journal of the Malacological Society of Australia* 6: 71–79.
59. Willan, R.C. 1998. Name changes 'Nudibranchs of Australasia – Willan & Coleman 1984' *Australasian Nudibranch News* No. 2 (Oct, 1998), p.4. (Wayne Ellis, Glasshouse Mountains).
60. Willan, R.C. & Coleman, N. 1984. *Nudibranchs of Australasia*. Neville Coleman, (Australasian Marine Photographic Index: Brisbane). 56 pp.
61. Wilson, B.R. 1993. *Australian Marine Shells. Prosobranch Gastropods. Part One*. (Odyssey, Kallaroo). 408 pp.
62. Wilson, B.R. 1994. *Australian Marine Shells. Prosobranch Gastropods. Part Two (Neogastropods)*. (Odyssey, Kallaroo). 370 pp.
63. Wilson, N.G. & Willan, R.C. 2007. *Hypselodoris jacksoni*, a new species from the south-western Pacific Ocean (Nudibranchia: Chromodorididae), with a discussion on intraspecific variation in mantle glands in *Chromodoris willani* Rudman, 1982. *Zootaxa* 1549: 29–42.

NOTES ON THE TEXT

Note 1. In the early 1980s MSA member Jim Whittle produced a useful, privately distributed list of molluscs from South East Queensland. Although valuable for subsequent checklist development, its taxonomic content was based on older literature and many names cited in that list have now been relegated to the ranks of synonymy.

Note 2. Like Fryda *et al.* (2005) we have listed the name-stem taxon for each taxonomic level, followed alphabetically by other constituent taxa. In some instances Fryda *et al.* (2005) do not adhere to alphabetic arrangement for superfamilies listed after the nominate taxon, and in this respect our list (which is not intended as a 'classification') differs from theirs.

Note 3. Geiger (1998) reviewed the Recent *Haliotidae* and concluded that *Haliotis melculus* Iredale, 1927, and *H. ethologus* Iredale, 1927, were synonyms of *H. brazieri* and *H. hargravesi*

respectively. While he draws attention to suspected *H. hargravesi*-*H. brazeri* hybrids (and illustrates examples) he also refers to a *H. hargravesi*-*H. brazieri* 'continuum' suggesting the possibility that all four nominal taxa may be variants of a single species. The status of Iredale's taxa will only be settled when animals become available for anatomical and molecular study.

Note 4. Williams *et al.* (2008) have recently concluded, on the basis of molecular evidence, that families allocated by Fryda *et al.* (2005) to a superfamily Turbinoidea (Turbinidae Liotiidae and Phasianellidae) should be returned to the Trochoidea (their 'traditional' position). This departure from the Fryda *et al.* classification is adopted here. Aside from the larger-sized (>1cm) species, the Trochoidea of Moreton Bay are poorly known and clearly in need of taxonomic review.

Note 5. This is the name that must be used for Moreton Bay black nerites. The often cited name *Nerita atramentosa* Reeve, 1855 applies to a similar species occurring in southern Australia (for figures and discussion see Spencer *et al.* 2007).

Note 6. This species is sometimes placed in *Theodoxus*, but Haynes (2005) has upheld its inclusion in *Clithon* (and the validity of that genus).

Note 7. The arrangement of the Cypraeidae follows that of Meyer (2003) based on extensive molecular work, although we have, for consistency reasons, not utilised the category of 'tribe'. Many authors consider all extant cypraeids as belonging to *Cypraea* (e.g. Burgess 1970, 1985; Liltved 1989) and probably for reasons of simplicity, this is often applied in faunal lists (e.g. Slack-Smith & Bryce 2004). However, Meyer's study, combined with the extensive fossil history of the Cypraeidae (for literature, see Meyer 2003), supports the recognition of many genera within the family (e.g. Allan 1956; Lorenz & Hubert 1993).

Note 8. The arrangement of Ovulidae essentially follows that of Higo *et al.* (1999) (see Carless 2005a).

Note 9. The classification and identifications of naticid material held by QM follows that of T. Huelsen (Huelsen 2008).

Note 10. The Pterotracheoidea (= 'Heteropoda') of Moreton Bay are very poorly known: our QM *Atlanta* record consists of beachdrift material.

Note 11. Taxonomic work relevant to the Australian marine Rissooidea has largely focussed on

issues at the level of genus and above. To date species-level reviews are limited to the Barleeidae and some smaller families (Ponder & Yoo 1976) and Laseron's (1956b) early work continues to be important. We list here only those species with confirmed records from Moreton Bay rather than species with published inferred ranges that include this region. Given their small physical size, it seems likely that the Moreton Bay rissooidean fauna contains many more species than cited here.

Note 12. Allan (1958) records a '*Lamellaria* sp. D' from Kirra (Gold Coast) but stated that its generic placement was provisional. This record is included simply to establish the presence of the Lamellariidae in Moreton Bay (as defined herein).

Note 13. The Vermetoidea of Moreton Bay essentially remain unstudied. At present only the genus *Serpulorbis* has been confirmed from the area (R. Bieler, pers. com. to JH) but in all likelihood other genera such as *Dendropoma* have representatives among the fauna.

Note 14. Although several subgenera of *Epitonium* have been proposed little consensus exists as to their application and hence we here follow Wilson (1993) in using the name in a wider sense. Four undetermined species of Epitoniidae were also obtained from Moreton Bay Workshop (2005) benthic samples (central bay).

Note 15. The Eulimoidea from Moreton Bay are very poorly known and the few taxa listed here are included merely to establish the presence of various genera in the bay fauna.

Note 16. Carless (2005), using Laseron's early account (1958) and Marshall's (1983) revision, has provided a very useful summary of the Triphoridae from the north and central-eastern portion of the bay. At the time of his death TC had organised his own Cerithiopsidae collection (Moreton Bay well represented) based on Laseron's (1956a) work. Aside from Marshall's (1978) account, no recent anatomy and/or molecular based revisions of this family have been attempted and hence the validity of many of Laseron's species has yet to be tested.

Note 17. Carless (2004a) lists a further three species of Columbellidae from SE Queensland some of which may eventually be shown to occur in Moreton Bay (as defined herein). The



FIG 1. *Melibe japonica* Eliot, 1910 (Nudibranchia, Tethyiidae) photographed alive and intact in a canal at Wellington Point, Moreton Bay in early February 1994. The entire animal measures approximately 450 mm in length. The right hand side of the photograph shows the fully extended oral veil, while on the left hand side the large colourful cerata are observed. Large numbers of these impressive nudibranchs have been seen in Moreton Bay in recent years, most commonly in commercial trawling nets. For further discussion see Note 27. Photo: courtesy Rod Foster.

generic placement of some species is modified according to deMaintenon (2008).

Note 18. All Coninae are here treated as belonging to *Conus* until molecular and anatomical work can establish the validity of the numerous nominal genera/subgenera (for a recent discussion see Duda *et al.* 2001). The classification of Fryda *et al.* (2005) expanded the Conidae to include some groups formerly allocated to the Turridae. Other than the Coninae (which are reasonably well known), all other groups of Conoidea from southern Queensland waters have remained largely ignored for more than 50 years, hence the listing here is very provisional. Undoubtedly the Moreton Bay fauna of this group contains many as yet undescribed or unrecorded conoideans.

Note 19. Strong *et al.* (1996) record a further 12 species of Costellariidae from SE Queensland, some of which may eventually be shown to occur in Moreton Bay (as defined herein).

Note 20. Strong *et al.* (1996) record a further 17 species of Mitridae from SE Queensland, some of which may eventually be shown to occur in Moreton Bay (as defined herein).

Note 21. Pyramidelloideans are arranged according to the recent revision (based on shell features) by Schander *et al.* (1999), who admit that their arrangement is a very provisional one (in the absence of sufficient comparative anatomy and molecular data). Aside from the work of Laseron (1959), the Pyramidelloidea of Moreton Bay essentially remain unstudied. The species listed here from our records and published literature possibly represent only a small proportion of the total pyramidelloidean fauna from the region.

Note 22. Many more opisthobranch species (including numerous nudibranchs) are recorded from the northern section of the Sunshine Coast (e.g. see Coleman 2001, 2008; Cobb & Willan 2006; Cobb & Mullins 2010) and may even-

tually be found within Moreton Bay (as defined herein). The shelled bullomorph families (e.g. Haminoeidae, Cylichnidae) are clearly in need of taxonomic revision and the names applied to some Indo-Pacific species must be considered as provisional only.

Note 23. The pteropod records of Moreton Bay are all derived from beach drift shells.

Note 24. Cobb & Mullins (2010) place this genus within Styliigeridae; however we have followed Fryda *et al.* (2005) who recognise the H. & A. Adams family Hermaeidae.

Note 25. Although long regarded as pleurobranchs the umbraculidans are now considered a distinct though still pleurobranch-allied group (see Wagele & Willan 2000; Fryda *et al.* 2005).

Note 26. It is important to bear in mind that a collecting record for a nudibranch species does not imply that it is a constant faunal component. The occurrence of many species of opisthobranchs (and especially many nudibranch species) in southeast Queensland can be very sporadic (see Willan & Coleman 1984).

Note 27. The presence of this large and spectacular species in Moreton Bay has only recently been established. A damaged 30cm specimen (minus cerata) now in the QM collection was found washed ashore at Myora, North Stradbroke Island in August 2008 and tentatively identified by Dr K. Townsend (Moreton Bay Marine Station) as *Melibe japonica*, a view with which we concur. An even larger (approximately 50cm) intact swimming specimen (which appears to be this species) was photographed at the Moreton Bay Yacht Club Marina at Redcliffe in December 2007 (for images see Sea Slug Forum website). The QM Malacology section files have a photographic record of this species (also intact, length approximately 45cm) observed alive in the canals at Wellington Point (1994) (see Fig. 1). Dr W.B. Rudman initially suggested the Moreton Bay species might be *M. viridis* Kelaart, 1858, but he has subsequently confirmed the identification as *M. japonica* (see Sea Slug Forum Oct 22, 2008, item #21985). In addition he has proposed that *M. mirifica* Allan 1932 (long known from Australian waters, including Moreton Bay, see Kenny 1970) should now be regarded as a synonym of *M. japonica*. Willan & Colman (1984) had previously suggested that this might prove

to be the case. *Melibe japonica* gives off an unappealing (but distinctive) citrus-like odour which helps to discriminate it in the field. Large numbers of these enormous animals were caught by trawlers in Moreton Bay in late 2008, and first brought to the attention of the QM at that time, however discussions between JH and local trawler operators indicates that *M. japonica* has been common in a number of areas of the bay at least since the mid-1970s, and probably earlier. It seems likely that this species is a normal component of the bay's gastropod fauna but not in the large numbers recently recorded.

Note 28. These species are often placed in the genus *Cuthlona* Alder & Hancock, 1855, but are here included in *Trinchesia* following Miller (2004). However this placement should be regarded as provisional in the light of the apparent phylogenetic complexity of '*Cuthlona*' (see also Rudman's comments on the Sea Slug Forum item #21285, '*Cuthlona* or *Trinchesia* ?').

Note 29. Golding *et al.* (2007) have recently established the genus *Phallomedusa* and the family Phallomedusidae for *Salinator solida* (and a related species) based on important differences of the reproductive system.

Note 30. Hyman *et al.* (2005) established *Pleuroloba* to accommodate two species formerly placed in *Ophicardelus* (*O. quoyi*, *O. costellaris*)

Note 31. The Onchidiidae of Queensland have never been rigorously assessed from the taxonomic perspective and in some cases uncertainty exists as to species identity and generic assignment (also see Note 32).

Note 32. In November 2008 an unusual (and locally common) onchidiid was found at Macleay Island, southern Moreton Bay, characterised by raised papillae and two dorsal reddish-brown stripes. Although its identification and even generic placement are undetermined it is here included as part of the known bay onchidiid fauna.

ACKNOWLEDGEMENTS

We wish to thank Pam Carless for her most generous donation of the Terry Carless collection to the Queensland Museum: first hand access to this important material was essential for the completion of the project. Dr Thomas Hülsken (Ruhr Universität, Germany; currently School

of Biology, University of Queensland) revised our list of Naticidae in the light of recent morphological and molecular work and Professor Marta deMaintenon kindly provided us with her recent taxonomic revisions of the Columbellidae. Finally we thank the Queensland Museum for its ongoing support of our investigations into the molluscan faunal composition of Moreton Bay.

LITERATURE CITED

- Allan, J. 1956. *Cowry Shells of the World*. (Georgian House: Melbourne), i-x, 1-170 pp.
1958. Some species of Lamellariidae (Class Gastropoda) from the eastern Australian coast. *Journal of the Malacological Society of Australia* 2: 48-57.
- Bouchet, P. & Rocroi, J.-P. 2005. (Eds), Classification and nomenclator of gastropod families. *Malacologia* 47(1-2): 1-397 (pp. 240-270).
- Brazier, J. 1879. List of *Cypraea* found in Moreton Bay. *Journal of Conchology* 2: 317-322.
- Burgess, C.M. 1970. *The Living Cowries*. (A.S. Barnes: New Jersey). 389 pp.
1985. *Cowries of the World*. (Gordon Verhoef, Cape Town), i-xvi, 289 pp.
- Carless, T. 1995. Cypracidae of South East Queensland. *The Queensland Radula* 12(3): 3-5.
- 2004a. Small Columbellidae of South East Queensland. *The Queensland Radula* 19(1): 6-8.
- 2004b. The genus *Pseudoliotia* in Moreton Bay. *The Queensland Radula* 19(3): 8-9.
- 2004c. An unusual vitrinellid from Moreton Bay. *The Queensland Radula* 19(3): 9-10.
- 2005a. The family Ovulidae in South East Queensland. *The Queensland Radula* 20(2): 10-13.
- 2005b. The family Hydatinidae in South East Queensland. *The Queensland Radula* 20(3): 8-9.
2006. The family Triphoridae in South East Queensland. *The Queensland Radula* 21(4): 6-8.
- Carless, T., Potter, D.G., Whitehead, T. & Willan, R.C. 1998. Gastropoda. In Davie, P.J.F. *Wild Guide to Moreton Bay*. (Queensland Museum: Brisbane). 408 pp.
- Cobb, G. & Mullins, D. 2010. *Nudibranchs of the Sunshine Coast* (website) www.nudibranch.com.au (consulted 1st May, 2010).
- Cobb, G. & Willan, R.C. 2006. *Undersea Jewels: a Colour Guide to Nudibranchs*. (Australian Bureau of Flora and Fauna: Canberra).
- Coleman, N. 2001. *1001 Nudibranchs. Catalogue of Indo-Pacific Sea Slugs*. (Neville Coleman Underwater Geographic: Brisbane). 144 pp.
2008. *Nudibranchs Encyclopedia. Catalogue of Asia/Indo-Pacific Sea Slugs*. (Neville Coleman Underwater Geographic: Brisbane).
- Colgan, D.J., Ponder, W.F., Beacham, E. & Macaranas, J.M. 2003. Gastropod phylogeny based on six segments from four genes representing coding or non-coding and mitochondrial or nuclear DNA. *Molluscan Research* 23: 123-148.
- deMaintenon, M. 2008. Results of the Rumphius Biohistorical Expedition to Ambon (1990). Part 14. The Columbellidae (Gastropoda: Neogastropoda) collected at Ambon during the Rumphius Biohistorical Expedition. *Zoologische Mededelingen Leiden* 82: 341-374.
- Davie, P. 1990. Invertebrate and intertidal communities of the estuary. Pp. 131-151. In, Davie, P., Stock, E. & Choy, D.L. (Eds), *The Brisbane River: A Source-Book For the Future*. (Australian Littoral Society/Queensland Museum: Brisbane).
- Davie, P.J.F. 1998. *Wild Guide to Moreton Bay*. (Queensland Museum, Brisbane).
- Davie, P.J.F. & Hooper, J.N.A. 1998. Patterns of biodiversity in marine invertebrate and fish communities of Moreton Bay. Pp. 331-346. In, Tibbetts, I.R., Hall, N.J. & Dennison, W.C. (Eds), *Moreton Bay and Catchment*. (School of Marine Science, The University of Queensland, Brisbane).
- Davie, P.J.F. & Phillips, J.A. 2008. Introduction. The marine fauna and flora of Moreton Bay Workshop: a focus on species. In, Davie, P.J.F. & Phillips, J.A. (Eds), *Proceedings of the Thirteenth International Marine Biological Workshop, The Marine Fauna and Flora of Moreton Bay, Queensland. Memoirs of the Queensland Museum - Nature* 54: xi-xvii.
- Duda, T.F.Jr., Kohn, A.J. & Palumbi, S.R. 2001. Origins of diverse feeding ecologies within *Conus*, a genus of venomous marine gastropods. *Biological Journal of the Linnean Society* 73: 391-409.
- Evans, R. 2000-2001. Prawn trawling off the Sunshine Coast, the 60's & 70's (Parts I-V). *Keppel Bay Tidings*. 39(1-4), 40(1).
- Fryda, J., Hausdorf, B., Ponder, W., Valdés, A. & Warén, A. 2005. Working classification of the Gastropoda. Pp. 240-270. In, Bouchet, P. & Rocroi, J.-P. (Eds), *Classification and nomenclator of gastropod families. Malacologia* 47(1-2): 1-397.
- Geiger, D.L. 1998. Recent genera and species of the family Haliotidae Rafinesque, 1815 (Gastropoda: Vetigastropoda). *The Nautilus* 111: 85-116.
- Golding, R. E., Ponder, W.F. & Byrne, M. 2007. Taxonomy and anatomy of Amphiboloidea (Gastropoda: Heterobranchia: Archaeopulmonata). *Zootaxa* 1476: 1-50.

- Golikov, A.N. & Starobogatov, Y. 1975. Systematics of prosobranch gastropods. *Malacologia* 15: 185–232.
- Hailstone, T.S. 1976. Delimitation of subtidal macrobenthic associations at the mouth of the Brisbane River. *Australian Journal of Marine and Freshwater Research* 27: 217–238.
- Haszprunar, G. 1988. On the origin and evolution of major gastropod groups, with special reference to the Streptoneura. *Journal of Molluscan Studies* 54: 367–441.
- Haynes, A. 2005. An evaluation of members of the genera *Clithon* Montfort, 1810 and *Neritina* Lamarck 1816 (Gastropoda: Neritidae). *Molluscan Research* 25: 75–84.
- Healy, J.M. & Potter, D.G. 2010. A preliminary checklist of the marine bivalves (Mollusca: Bivalvia) of Moreton Bay. In, Davie, P.J.F. & Phillips, J.A. (Eds), Proceedings of the Thirteenth International Marine Biological Workshop, The Marine Fauna and Flora of Moreton Bay, Queensland. *Memoirs of the Queensland Museum – Nature* 54(3): 235–252.
- Heulsken, T. 2008. *Phylogenetic relationship and species identification within the Naticidae Guilding, 1834 (Gastropoda: Caenogastropoda)*. Doctoral Thesis, Ruhr University, 444 pp.
- Higo, S., Callomon, P. & Goto, Y. 1999. *Catalogue and bibliography of the marine shell-bearing Mollusca of Japan (Gastropoda, Bivalvia, Polyplacophora, Scaphopoda)*. (Elle Scientific Publications: Osaka). 749 pp.
- Hyman, I.T., Rouse, G.W. & Ponder, W.F. 2005. Systematics of *Ophicardelus* (Gastropoda: Heterobranchia: Ellobiidae). *Molluscan Research* 25: 14–26.
- Kenny, R. 1970. Queensland faunistic records. Part IX. A second collection of opisthobranch molluscs from Queensland. *University of Queensland Papers (Department of Zoology)* 3: 83–96.
- Lamprell, K.L. & Healy, J.M. 1998. A revision of the Scaphopoda from Australian waters (Mollusca). *Records of the Australian Museum, Supplement* 24: 189 pp.
- Laserson, C. 1956a. The family Cerithiopsidae (Mollusca) from the Solanderian and Dampierian zoogeographical provinces. *Australian Journal of Marine and Freshwater Research* 7: 151–182.
- 1956b. The families Rissoinidae and Rissoidae (Mollusca) from the Solanderian and Dampierian zoogeographical provinces. *Australian Journal of Marine and Freshwater Research* 7: 384–485.
1958. The family Triphoridae from northern Australia; also Triphoridae from Christmas Island (Indian Ocean). *Australian Journal of Marine and Freshwater Research* 9: 569–658.
1959. The family Pyramidellidae (Mollusca) from northern Australia. *Australian Journal of Marine and Freshwater Research* 10: 177–267.
- Liltved, W.R. 1989. *Cowries and their relatives of southern Africa: a study of the southern African cypracean and velutinacean gastropod fauna*. (G.Verhoef, Seacomber Publications: Cape Town). 208 pp.
- Lorenz, F. & Hubert, A. 1993. *A Guide to Worldwide Cowries*. (C. Hemmen: Wiesbaden). 571 pp.
- Marshall, B.A. 1978. Cerithiopsidae (Mollusca: Gastropoda) of New Zealand, and a provisional classification of the family. *New Zealand Journal of Zoology* 5: 47–120.
1983. A revision of the Recent Triphoridae of southern Australia (Mollusca: Gastropoda). *Records of the Australian Museum Supplement* 2: 119 pp.
- Meyer, C.P. 2003. Molecular systematics of cowries (Gastropoda: Cypraeidae) and diversification patterns in the tropics. *Biological Journal of the Linnean Society* 79: 401–459.
- Miller, M.C. 2004. An appraisal of the identity of the New Zealand species of the aeolid family Tergipedidae (Gastropoda: Opisthobranchia). *Journal of Natural History* 38: 1183–1192.
- Morgan, G.J. & Hailstone, T.S. 1986. Distribution of gastropods in a mangrove habitat in South-East Queensland. *Journal of the Malacological Society of Australia* 7: 131–140.
- Neil, D.T. 1998. Moreton Bay and its catchment: seascape and landscape, development and degradation. Pp. 3–54. In, Tibbetts, I.R., Hall, N.J. & Dennison, W.C. (Eds), *Moreton Bay and Catchment*. (School of Marine Science, University of Queensland: Brisbane).
- Ponder, W.F., Colgan, D.J., Healy, J.M., Nützel, A., Simone, L.R.L. & Strong, E.E. 2008. Caenogastropoda. Pp. 331–383. In, Ponder, W.F. & Lindberg, D.R. (Eds), *Phylogeny and Evolution of the Mollusca*. (University of California Press: Berkeley).
- Ponder, W.F. & Lindberg, D.R. 1997. Towards a phylogeny of gastropod mollusks—an analysis using morphological characters. *Zoological Journal of the Linnean Society* 119: 83–265.
2008. (Eds) *Phylogeny and Evolution of the Mollusca*. (University of California Press: Berkeley). 469 pp.
- Ponder, W.F. & Wells, F.E. 1998. Distribution and relationships of marine and estuarine fauna. In Beesley, P.L., Ross, G.J.B. & Wells, A. (Eds). *Mollusca: The Southern Synthesis*. The Fauna of Australia, Volume 5A. (CSIRO Publishing: Melbourne). 563 pp.
- Ponder, W.F. & Yoo, E.K. 1976. A revision of the Australian and tropical Indo-Pacific Tertiary and Recent species of *Pisumna* (= *Esten*) (Mollusca: Gastro-

- poda: Rissoidae). *Records of the Australian Museum* 30: 150–247.
- Rudman, W.B. 2010. *Sea Slug Forum* website: www.seaslugforum.net (as of 1st May, 2010).
- Rudman, W.B. & Bergquist, P.R. 2007. A review of feeding specificity in the sponge-feeding Chromodorididae (Nudibranchia: Mollusca). *Molluscan Research* 27: 60–88.
- Schander, C., van Aartsen, J.J. & Corgan, J.X. 1999. Families and genera of the Pyramidelloidea (Mollusca: Gastropoda). *Bolletino Malacologico, Roma* 34: 145–166.
- Short, J.W. & Potter, D.G. 1987. *Shells of Queensland and the Great Barrier Reef*. (Golden Press: Drummoine). 135 pp.
- Skilleter, G.A. 1998. Ecology of benthic invertebrates in Moreton Bay. Pp. 365–394. In, Tibbetts, I.R., Hall, N.J. & Dennison, W.C. (Eds), *Moreton Bay and Catchment*. (School of Marine Science, The University of Queensland: Brisbane).
- Slack-Smith, S.M. & Bryce, C.W. 2004. A survey of the benthic molluscs of the Dampier Archipelago, Western Australia. *Records of the Western Australian Museum, Supplement No. 66*: 221–245.
- Spencer, H.G., Waters, J.M. & Eichhorst, T.E. 2007. Taxonomy and nomenclature of black nerites (Gastropoda: Neritimorpha: *Nerita*) from the South Pacific. *Invertebrate Systematics* 21: 229–237.
- Stephenson, W., Williams, W.T. & Lance, G.N. 1970. The macrobenthos of Moreton Bay. *Ecological Monographs* 40: 459–494.
- Stephenson, W. & Campbell, B.M. 1977. The macrobenthos of Serpentine Creek. *Memoirs of the Queensland Museum* 18: 75–93.
- Stephenson, W., Williams, W.T. & Cook, S.D. 1974. The benthic fauna of soft bottoms, southern Moreton Bay. *Memoirs of the Queensland Museum* 17: 73–123.
- Stephenson, W., Raphael, Y.I. & Cook, S.D. 1976. The macrobenthos of Bramble Bay, Moreton Bay, Queensland. *Memoirs of the Queensland Museum* 17: 425–447.
- Strong, G., Lutz, G. & Ellis, R. 1996. Mitres of south east Queensland. *The Queensland Radula* 13(1): 8.
- Tibbetts, I.R., Hall, N.J. & Dennison, W.C. 1998. (Eds). *Moreton Bay and catchment*. (School of Marine Science, University of Queensland: Brisbane). 645 pp.
- Wells, F.E. 1991. A revision of the Recent Australian species of the turrid genera *Clavus*, *Plagiostrophia* and *Tylotiella* (Mollusca: Gastropoda). *Journal of the Malacological Society of Australia* 12: 1–33.
- Willan, R.C. & Coleman, N. 1984. *Nudibranchs of Australasia*. (Neville Coleman, Australasian Marine Photographic Index: Brisbane). 56 pp.
- Williams, S.T., Karube, S. & Ozawa, T. 2008. Molecular systematics of Vetigastropoda: Trochidae, Turbinidae and Trochoidea redefined. *Zoologica Scripta* 37: 483–506.
- Wilson, B.R. 1993. *Australian Marine Shells. Prosobranch Gastropods. Part One*. (Odyssey, Kallaroo). 408 pp.
1994. *Australian Marine Shells. Prosobranch Gastropods. Part Two (Neogastropods)*. (Odyssey: Kallaroo). 370 pp.